HELLENIC ACCREDITATION SYSTEM

Annex F1/21 to the Certificate No. **553**-8

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

LABOR S.A.

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
I. Electrical Tests		
1.	**Dielectric strength** (0-4,2) kV AC	
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §15.3, §15.4
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes		*EN 60309-1:1999 +A1:2007 +A2:2012 §19.3 EN IEC 60309-1:2022 +AC:2023 §19 IEC 60309-1:2021
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §13.3, §16.3 EN IEC 60335-1:2023 +A11:2023 §13.3, §16.3 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 + A1:2013 + A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 + A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 + A11:2019 + A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 + A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021 +A2:2021 +A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §10.2.2, §4.9.2, §4.4.5 EN IEC 60598-1:2024 +A11:2024 §12.2.3, §7.9.2
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.8.3 §15.5.2 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.8.3, §15.5.2
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §16.2 IEC 60669-1:2017
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §14.3

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§15.2 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §15.2
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §17.2 IEC 60884-1:2022 §17.3
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.8 IEC 61010-1:2010 +A1:2016
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §11.3 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 IEC 61386-1:2008 +A1:2017 §11.3
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §12 EN IEC 61347-1:2024 §10.3.2 IEC 61347-1:2024
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.9.2 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §18.1, §18.3, §18.4
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §12.7
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 §11.4 IEC 61851-23:2014 §11.4
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §12.7
Electric toys		EN IEC 62115:2020+A11:2020 §10, §12
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.9
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
2.	**Impulse voltage dielectric test** (0-12kV)	
Household and similar electrical appliances		*EN 60335-1 :2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §14 EN IEC 60335-1:2023 +A11:2023 §14 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§11.2.14 IEC 60730-1:2022
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 Annex A §4 IEC 60884-1:2022 Annex A §4
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.8.3.3 IEC 61010-1:2010 +A1:2016
Lamp controlgear		*EN 61347-1:2015 +A1:2021 Annex P.3.4.2 EN IEC 61347-1:2024 §Annex I.3.4 IEC 61347-1:2024
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.9.3 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §11.4.2
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 IEC 61851-23:2014
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.2.4, §5.4.5.2
Insulation coordination for equipment within low-voltage supply systems		EN IEC 60664-1:2020 /AC:2020 +A1:2025 §6.1.2.2.1
3.	**Touch current and protective conductor current**	
Electrical equipment		EN 60990:2016 IEC 60990:2016

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Household and similar electrical appliances		*EN 60335-1 :2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §13.2, §16.2 EN IEC 60335-1:2023 +A11:2023 §13.2, §16.2 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2006 + A11:2012 + A12:2016 + AC:2016 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009+A1:2016+A2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §10.2, §10.2.1, §4.9.2 EN IEC 60598-1:2024 +A11:2024 §12.3 & Annex G
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.7.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.7.4
Automatic electrical controls		IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §13
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.3 IEC 61010-1:2010 +A1:2016
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §10.4 EN IEC 61347-1:2024 §9.4 & Annex N IEC 61347-1:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §18.5
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 §18.101, §18.102 EN IEC 61558-2-15:2025 §18.101, §18.102 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §12.6
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 §11.7 IEC 61851-23:2014 §11.7

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §12.6
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.7
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
4.	**Insulation resistance** (0,1-200) MΩ with 500V DC	
Electrical installations in ships		IEC 60092-504:2026
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §15.3, §15.4
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes.		*EN 60309-1:1999 +A1:2007 +A2:2012 §19.2 EN IEC 60309-1:2022 +AC:2023 §19 IEC 60309-1:2021
Low voltage electrical installations - Verification		HD 60364-6:2016 +A11:2017 +A12:2017 §6.4.3.3 IEC 60364-6:2016 §6.4.3.3
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §10.2, §10.2.1, §4.9.2 EN IEC 60598-1:2024 +A11:2024 §12.2.2, §7.9.2
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §16.1 IEC 60669-1:2017
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §14.2
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§15.1 IEC 60730-1:2022
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §17.1 IEC 60884-1:2022 §17.2
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §15.3
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §11 Annex L8.2 EN IEC 61347-1:2024 §10.2 IEC 61347-1:2024
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §11.3 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-21:2021 +A11:2021 IEC 61386-1:2008+A1:2017 §11.3
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §11.9 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §18.2
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §12.5
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 §11.5 IEC 61851-23:2014 §11.5
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §12.5
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.5.3
Hold, ballast and dry space water level		IACS**** SC180:Sept.2003 §3.4.1
5.	**Input power and current** (0,05-20) kW / (0-600)A	
Household and similar electrical appliances		*EN 60335-1 :2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §10.1, §10.2 EN IEC 60335-1:2023 +A11:2023 §10.1, §10.2 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §4.11 IEC 60601-1:2005 +A1:2012 +A2:2020 §4.11
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §11
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §5.1.3 IEC 61010-1:2010 +A1:2016
Electric toys		EN IEC 62115:2020+A11:2020 §8
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex B2.5, §6.2.2
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
6.	**Earthing resistance** (0-7) Ω	
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §12.2
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes.		*EN 60309-1:1999 +A1:2007 +A2:2012 §10.2 EN IEC 60309-1:2022 +AC:2023 §10.2 IEC 60309-1:2021
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §27.5 EN IEC 60335-1:2023 +A11:2023 §27.5 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §7.2 EN IEC 60598-1:2024 +A11:2024 §9.2
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.6.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.6.4
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §11.1
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §11.4 IEC 60669-1:2017
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024 §7.3.1 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §26.5
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §11.5 IEC 60884-1:2022 §11.5
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.5.2 IEC 61010-1:2010 +A1:2016
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §11.2 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 IEC 61386-1:2008+A1:2017 §11.2
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §9.5.2 EN IEC 61347-1:2024 §8.2.4 IEC 61347-1:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.5.2 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §24.4
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §12.3
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.6.4.1
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
7.	**Load discharge** (0-230 V) AC	
Household and similar electrical appliances		*EN 60335-1 :2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.5 EN IEC 60335-1:2023 +A11:2023 §22.5 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §8.2.7 EN IEC 60598-1:2024 +A11:2024 §12.2.3, §10.2.7
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.4.3 §8.4.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.4.3, §8.4.4
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §9.1

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.6.2, §6.10.3 IEC 61010-1:2010 +A1:2016 §6.6.2, §6.10.3
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §10.2 & Annex L EN IEC 61347-1:2024 §9.2 IEC 61347-1:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §9.2, §9.3
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §7.2.3
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 IEC 61851-23:2014
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021
Electric toys		EN IEC 62115:2020+A11:2020 §13.8
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.2.2
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
8.	**Categorization of electrical energy sources according to contact hazard**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §8.1.4 EN IEC 60335-1:2023 +A11:2023 §8.1.4 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.4.3, §8.4.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.2, §8.4
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §9.1
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.3 IEC 61010-1:2010 +A1:2016 §6.3
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §10.4 EN IEC 61347-1:2024 §9.4 IEC 61347-1:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.8, §19.20.1
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.2.2
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
9.	**Endurance test**	
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§19 IEC 60730-1:2022
Temperature sensing controls		EN IEC 60730-2-9:2026 §19
10.	**Thermal endurance test for windings of ballasts**	
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §14 EN IEC 61347-1:2024 §11 IEC 61347-1:2024
11.	**Mandrel test**	
Lamp controlgear		*EN 61347-1:2015 +A1:2021 Annex N
12.	**Functional safety (EOFx)**	
Lamp controlgear - d.c. or a.c. supplied electronic controlgear for LED modules		*EN 61347-2-13:2014 + A1:2017 §J.5, §J.6 EN IEC 61347-2-13:2024 §A.3, §A.4 IEC 61347-2-13:2024§A.3, §A.4

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
13.	**Control of maximum output voltage**	
Lamp controlgear - d.c. or a.c. supplied electronic controlgear for LED modules		*EN 61347-2-13:2014 + A1:2017 §21 EN IEC 61347-2-13:2024 §17 IEC 61347-2-13:2024§17
14.	**Output voltage and output current of transformers under load**	
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §11.1
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
15.	**No-load output voltage of transformers**	
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §12
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
16.	**Short-circuit voltage measurement of transformers**	
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §13
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
17.	**Transformer overload protection devices**	
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §20.12
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
18.	**Separation between external circuits and earth test**	
Audio/video, information and communication technology equipment		EN 62368-1:2024+A11:2024 §5.4.11 IEC 62368-1:2018 §5.4.11
19.	**Drop test of equipment containing a secondary lithium battery**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex M.4.4
20.	**Tests on Resistors which operate as safeguards**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex G.10
21.	**Contact resistance test for terminals and connections**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §15.5.2.1, §15.6.3.1 EN IEC 60598-1:2024 +A11:2024 §17.4.2.2, §17.5.3.2

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7 IEC 61347-1:2024
22.	**Heating tests for terminals and connections**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §15.5.2.2, §15.6.3.2.2 EN IEC 60598-1:2024 +A11:2024 §17.4.2.3, 17.5.3.3
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7 IEC 61347-1:2024
23.	**Withstand test of electro-mechanical contact systems**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.11.6 EN IEC 60598-1:2024 +A11:2024 §7.11.6
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §17 IEC 61347-1:2024
24.	**Moisture resistance test with sodium chloride**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §15.2 EN IEC 60335-1:2023 +A11:2023 §15.2 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
25.	**Tracking test** (0-600) V AC	
Solid insulating materials		EN IEC 60112:2025 /AC 2026
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §21.5
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes		*EN 60309-1:1999 +A1:2007 +A2:2012 §27.5 EN IEC 60309-1:2022 +AC:2023 §27.3 IEC 60309-1:2021
Appliance couplers for household and similar general purposes		EN 60320-1:2021 §27.2
Household and similar electrical appliances		*EN 60335-1 :2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 Annex N EN IEC 60335-1:2023 +A11:2023 Annex N IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §13.4 EN IEC 60598-1:2024 +A11:2024 §15.4
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.9.1.7 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.9.1.7
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §24.2 IEC 60669-1:2017
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §19
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§21.2.9 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 Annex G
Miscellaneous lampholders		EN 60838-1:2017 +A1:2017 +A2:2017 +A11:2021 +A2:2021 §17.5
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2006 +A2:2013 +A1:2006 §28.2 CEE 7/63, §28b IEC 60884-1:2022 §28b
Switches for appliances		EN IEC 61058-1:2018 Annex C
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §20.5
Devices for the connection of luminaires for household and similar purposes		*EN 61995-1:2008 +A1:2017 + A11:2021 §26.2 EN IEC 61995-1:2026 +A11:2026 §26.2
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §18.5 EN IEC 61347-1:2024 §15.3 IEC 61347-1:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §27.5 & Annex G
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.3.3
26.	**Glow wire test** (500-980) °C	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Fire hazard testing: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure		EN IEC 60695-2-10:2026
Fire hazard testing: Glowing/hot-wire based test methods - Glow-wire flammability test method for end products (GWEPT)		EN IEC 60695-2-11:2021
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §21.3
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes		*EN 60309-1:1999 +A1:2007 +A2:2012 §27.4 EN IEC 60309-1:2022 +AC:2023 §27.2 IEC 60309-1:2021
Appliance couplers for household and similar general purposes		EN 60320-1:2021 §27.1
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §30.2 EN IEC 60335-1:2023 +A11:2023 §30.2 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §13.3, 4.21.4 EN IEC 60598-1:2024 +A11:2024 §15.3.3
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §24.1 IEC 60669-1:2017
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §18
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024Annex G1 IEC 60730-1:2022 Annex G1
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §29.2
Miscellaneous lampholders		EN 60838-1:2017 +A1:2017 +A2:2017 +A11:2021 +A2:2021 §17.3
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2006 +A2:2013 +A1:2006 §28.1.1 IEC 60884-1:2022 §28.1.2
Circuit-breakers for overcurrent protection for household and similar installations		EN 60898-1:2019 +A1:2024 +A11:2024 §9.15
Switches for appliances		EN IEC 61058-1:2018 §21.2
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §20.3

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Devices for the connection of luminaires for household and similar purposes		*EN 61995-1:2008 +A1:2017 + A11:2021 §26.1 EN IEC 61995-1:2026 +A11:2026 §26.1
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §18.3 EN IEC 61347-1:2024 §15.2.2 IEC 61347-1:2024
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §13.1.3.1 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 IEC 61386-1:2008+A1:2017
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.2.3.2 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.2, §27.4
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
27.	**Ball pressure test**	
Fire hazard testing: Abnormal heat - Ball pressure test method		EN 60695-10-2:2014
Edison screw lampholders		EN IEC 60238:2018 +A1:2018 +A2:2021 +A11:2021 §21.1
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes.		*EN 60309-1:1999 +A1:2007 +A2:2012 §27.3 EN IEC 60309-1:2022 +AC:2023 §27.1 IEC 60309-1:2021
Appliance couplers for household and similar general purposes		EN 60320-1:2021 §24.1
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §30.1- EN IEC 60335-1:2023 +A11:2023 §30.1 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §13.2.1 EN IEC 60598-1:2024 +A11:2024 §15.2.2
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.8.4.1 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.8.4.1
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §21.2, §21.3 IEC 60669-1:2017
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670-1:2021 +A11:2021 §16.1
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024Annex G3 IEC 60730-1:2022 Annex G3
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §29.1
Miscellaneous lampholders		EN 60838-1:2017 +A1:2017 +A2:2017 +A11:2021 +A2:2021 §17.1
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2006 +A2:2013 +A1:2006 §25.2 IEC 60884-1:2022 §25.3
Circuit-breakers for overcurrent protection for household and similar installations		*EN 60898-1:2019 +A1:2024 +A11:2024 §9.14.3
Switches for appliances		EN IEC 61058-1:2018 §21.1
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §20.1
Devices for the connection of luminaires for household and similar purposes		EN 61995-1:2008 +A1:2017 + A11:2021 §23 EN IEC 61995-1:2026 +A11:2026 §23
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §18.1 EN IEC 61347-1:2024 §15.1 IEC 61347-1:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §27.1
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.1.10
II. Safety Tests		
1.	**Temperature rise test**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §11 EN IEC 60335-1:2023 +A11:2023 §11 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §12.4.1, 12.5.1,12.7.2 Annex E, Annex K EN IEC 60598-1:2024 +A11:2024 §14.4.2, 14.5.2, 14.6.3, Annex E, Annex I
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §11.1 IEC 60601-1:2005 +A1:2012 +A2:2020 §11.1
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §17 IEC 60669-1:2017
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§16 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §12
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §19 IEC 60884-1:2022 §19
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §10 IEC 61010-1:2010 +A1:2016
Lamp controlgear		EN 61347-1:2015 + A1:2021 Annex H.12 IEC 61347-1:2024
Lamp controlgear - d.c. or a.c. supplied electronic controlgear for LED modules		*EN 61347-2-13:2014 + A1:2017 §15 EN IEC 61347-2-13:2024 §16
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §§10.10 & Annex O EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §14
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §11.9
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §11.9
Electric toys		EN IEC 62115:2020+A11:2020 §9
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.1.4, §9.3.2
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
2.	**Protection against electric shock**	
Edison screw lampholders		EN 60238:2018 §10.2
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 + A1:2019 +A14:2019 +A2:2019 +A15:2021 §8 EN IEC 60335-1:2023 +A11:2023 §8 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2006 + A11:2012 + A12:2016 + AC:2016 IEC 60335-2-14:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009+A1:2016+A2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Lampholders for tubular fluorescent lamps and starterholders		EN 60400:2017 +A1:2021 +A2:2024 §9.1
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §8.2 EN IEC 60598-1:2024 +A11:2024 §10.2.1
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §6 IEC 60601-1:2005+A1:2012+A2:2020
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§6.1.8 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §9

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002, +A1:2006 +A2:2013, §10 IEC 60884-1:2022 §10
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.2 IEC 61010-1:2010 +A1:2016
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §10 EN IEC 61347-1:2024 §9.1 IEC 61347-1:2024
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §8.4 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §9.1
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §7.2, §11.3.2
DC electric vehicle charging station		EN 61851-23:2014 /AC:2016 §7 IEC 61851-23:2014 §7
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §8
Devices for the connection of luminaires for household and similar purposes		*EN 61995-1:2009 +A1:2017 + A11:2021§10 EN IEC 61995-1:2026 +A11:2026 §10
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.3.2
3.	**Short-circuit and overload protection**	
Lamp controlgear		EN 61347-1:2015 + A1:2021 Annex L EN IEC 61347-1:2024 §16.3 IEC 61347-1:2024
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §15.5.1.1 IEC 60601-1:2005+A1:2012+A2:2020
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §20.8, §20.9

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Lithium Metal, lithium ion, Sodium ion Batteries		ST/SG/AC.10/11/Rev.8:2023 §38.3 (UN38.3) Test T5 EN IEC 62281:2019 + A1:2021 + A2:2023 Test T5
4.	**Accessibility to electrical energy sources and safeguards**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.3.2.1
5.	**Covering of ventilation openings**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex B.3.2
6.	**Alternative method - Running overload for DC motors**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex G.5.4.5.3 & G.5.4.6.3
7.	**Accessible parts including applied parts**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 + A2:2021 +A13:2024 §8.4.2 IEC 60601-1:2005+A1:2012+A2:2020
8.	**Hazardous Situations and fault conditions – ME equipment**	
Medical electrical equipment		EN 60601-1:2006+A1:2013+A12:2014+ A2:2021 +A13:2024 §13 IEC 60601-1:2005+A1:2012+A2:2020
9.	**General requirements for testing ME equipment**	
Medical electrical equipment and medical electrical systems used in the home healthcare environment		EN 60601-1-11:2015 +A1:2021 §5
10.	**Short-circuit protection – Luminaires**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.26 EN IEC 60598-1:2024 +A11:2024 §7.26
11.	**Measurement of electromagnetic field** (10 Hz – 100 kHz)	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Household and similar electrical appliances: Air cleaners, Air conditioners, Battery chargers, Blankets, Blenders, Citrus presses, Coffee makers, Coffee mills, Convector heaters, Deep fat fryers, Dental hygiene appliances, Egg boilers Facial sauna appliances, Fans, Fan heaters, Floor polishers, Food warming cabinets, Gas heating appliances wall mounted, Gas heating appliances floor standing, Gas igniters, Grills, Hair clippers, Hairdryers, Heat pumps, Heating mats, Heating pads, Hotplates, Induction hobs and hotplates, Icecream makers, Immersion heaters, Irons, Ironing machines, Knives, Ovens, Microwave ovens, Massage appliances, Oil filled radiators, Hoods, Ovens, Ranges, Range hoods, Refrigeration Solaria, Tools, Vacuum cleaners, Tumble dryers, Washing machines, Water heaters, Whirlpool baths		EN 62233:2008/corrigendum Aug. 2008
III. Dimensional tests		
1.	**Clearance, Creepage and Solid Insulation measurements**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §29 & Annex L EN IEC 60335-1:2023 +A11:2023 §29 & Annex L IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §11 EN IEC 60598-1:2024 +A11:2024 §13
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.9 IEC 60601-1:2005 +A1:2012 +A2:2020
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §23 IEC 60669-1:2017
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§11 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §28
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §27 IEC 60884-1:2022 §27

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §6.7 IEC 61010-1:2010 +A1:2016
Lamp controlgear		EN 61347-1:2015 + A1:2021 §16 EN IEC 61347-1:2024 §13 IEC 61347-1:2024
Lamp controlgear - d.c. or a.c. supplied electronic controlgear for LED modules		*EN 61347-2-13:2014 + A1:2017 §17 EN IEC 61347-2-13:2024 §13
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.4 & Annex F EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.1, §26.2, §26.3
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §11.6
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §11.6
Electric toys		EN IEC 62115:2020+A11:2020 §17
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex O & §5.4.2, §5.4.3, §5.4.4
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
2.	**Inspection of dimensions of internal wiring**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §5.3 EN IEC 60598-1:2024 +A11:2024 §8.3
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §21
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
3.	**External influences - drain holes**	
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations		EN IEC 60670:2021 + A11:2021 §12.2
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.17 EN IEC 60598-1:2024 +A11:2024 §7.17
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.17
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
IV. Acoustic tests		
1.	**Test for telephone ringing signals**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex H.2
2.	**Characteristics of visual alarm signals**	
Alarm systems in medical electrical equipment and medical electrical systems		EN 60601-1-8:2007 +A1:2013 +A11:2017 +A2:2021 §6.3.2.2
3.	**Test for characteristics of acoustic alarm signals**	
Alarm systems in medical electrical equipment and medical electrical systems		EN 60601-1-8:2007 +A1:2013 +A11:2017 +A2:2021 §6.3.2.1
4.	**Test for volume of acoustic alarm signals**	
Alarm systems in medical electrical equipment and medical electrical systems		EN 60601-1-8:2007 +A1:2013 +A11:2017 +A2:2021 §6.3.3.2

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
5.	**Time delay and alarm interrupt test**	
Alarm systems in medical electrical equipment and medical electrical systems		EN 60601-1-8:2007 +A1:2013 + A11:2017 + A2:2021 §6.4.1, §6.5.5
6.	**Sound level measurement**	
Emitted noise from devices and machinery		EN ISO 3746:2010 EN ISO 3744:2010
	V. Mechanical tests	
1.	**Protection against external mechanical impacts (IK code)**	
Environmental testing - Test Eh: Hammer tests		EN 60068-2-75:2014 +A1:2025 IEC 60068-2-75:2014 +AMD1:2025
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §21.1 EN IEC 60335-1:2023 +A11:2023 §21.1 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2010 + A1:2012 + A2:2015 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.13.1, §4.13.4 a), §4.21.4 EN IEC 60598-1:2024 +A11:2024 §7.13.1, §7.20.2 a), §7.21.4 EN 60598-2-3:2003 +A1:2011 §3.6.5.2.1 IEC 60598-2-3:2002 +A1:2011 §3.6.5.2.1
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §9.8.3.3, §15.3.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §9.8.3.3, §15.3.3
Switches for household and similar fixed-electrical installations		EN 60669-1:2018 §20.2 IEC 60669-1:2017
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§20.2 IEC 60730-1:2022
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 §20.2
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §24.1 IEC 60884-1:2022 §24.2
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §8.2.2 IEC 61010-1:2010 +A1:2016
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.2.6 EN IEC 61439-2:2021 EN IEC 61439-3:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §16.2
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric vehicle conductive charging system		EN IEC 61851-1:2019 +AC:2023 §11.11.2
DC EV supply equipment where protection relies on electrical separation		EN IEC 61851-25:2021 §12.7
Electric toys		EN IEC 62115:2020+A11:2020 §12.1
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)		EN 62262:2002 + A1:2021 IEC 62262:2002 + A1:2021
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §4.8.4.5, 8.10.4, ANNEX T.6, T.9, ANNEX Y6.2 EN IEC 62368-1:2024 +A11:2024 §4.8.4.5, 8.10.4, ANNEX T.6, T.9, ANNEX Y6.2
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
2.	**Impact test at low temperature** (-5 °C to -40 °C)	
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002, +A1:2006 +A2:2013, §24.4 IEC 60884-1:2022 §24.5
Conduit systems for cable management		EN 61386-1-1:2008 +A1:2019 §10.3 EN IEC 61386-21:2021 +A11:2021+ A11:2021 EN IEC 61386-22:2021 +A11:2021+ A11:2021 EN IEC 61386-23:2021 +A11:2021+A11:2021 EN 61386-24:2010 EN 61386-25:2011
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.10 b)
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
3.	**Drop test**	
Environmental testing - Test Ec: Rough handling shocks, primarily for equipment-type specimens		EN 60068-2-31:2008 IEC 60068-2-31:2008
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 §15.101 EN IEC 60335-2-2:2023 +A11:2023 §15.101 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 §21.101 IEC 60335-2-3:2022 +AMD1:2025
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 §21.101 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 §21.101 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.13.4 b), §4.13.4 c), §4.13.6 EN IEC 60598-1:2024 +A11:2024 §7.20.2 b), §7.20.2 c), §7.13.4
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 IEC 60601-1:2005 +A1:2012 +A2:2020 §15.3.4
Hand-held motor-operated electric tools		EN 60745-1:2009 +A11:2010 ANNEX K20.3, ANNEX L20.201
Electrical equipment for measurement, control, and laboratory use		EN 61010-1:2010 +A1:2019 §8.3 IEC 61010-1:2010 +A1:2016
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §16.3, §16.4
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §4.4.3.3, ANNEX T.7
Stationary dental units and dental patient chairs		EN ISO 7494-1:2018 §7.3
Military equipment		MIL-STD 810G Method 516.6 procedure IV MIL-STD 810H Method 516.8 procedure IV
4.	**Stability tests**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §20.1 EN IEC 60335-1:2023 +A11:2023 §20.1 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Portable general purpose luminaires		EN 60598-2-4:2018 §4.7.3
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §9.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §9.4
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §8.6.2, §8.6.4, §8.6.5, §8.6.5, §8.10.5
5.	**Push-pull-compression-torque strength tests**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.11, §22.12 EN IEC 60335-1:2023 +A11:2023 §22.11, §22.12 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §15.4.6, §15.4.7 IEC 60601-1:2005 +A1:2012 +A2:2020 §15.4.6, §15.4.7
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §14.4.6 EN IEC 60598-1:2024 +A11:2024 §16.3.6
Lamp controlgear		*EN 61347-1:2015 + A1:2021 §17 EN IEC 61347-1:2024 §14
Conduit systems for cable management		EN 61386-1-1:2008 +A1:2019 §10.2 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 EN 61386-24:2010
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §25
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §4.8.5, §4.8.4.6, §8.7, §8.8, §8.9, §8.10.3, §8.11.3, §8.12, ANNEX T.2, T.3, T.4
6.	**Torque exerted on a socket outlet**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.3 EN IEC 60335-1:2023 +A11:2023 §22.3 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.14.6 EN IEC 60598-1:2024 +A11:2024 §7.14.6
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §14.23.2 IEC 60884-1:2022 §14.23.3
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.15
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §4.7
7.	**Repetitive strain tests**	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §23.3, §25.14 EN IEC 60335-1:2023 +A11:2023 §23.3, §25.14 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.14.3 EN IEC 60598-1:2024 +A11:2024 §7.14.3
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §8.11.3.6 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.11.3.6
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §22.9.4
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
8.	**Cord anchorages test**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §25.15 EN IEC 60335-1:2023 +A11:2023 §25.15 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §5.2.10 EN IEC 60598-1:2024 +A11:2024 §8.2.10
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §8.11.3.6 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.11.3.5
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex G.7
9.	**Wind load test**	
Luminaires		EN 60598-2-3:2003 +A1:2011 §3.6.3.1 IEC 60598-2-3:2002 +A1:2011 §3.6.3.1
10.	**Mechanical energy source classification**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §8.2
11.	**High pressure lamps tests**	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §8.5.5.2
12.	**Weight measurement of attachments to lamps**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.22 EN IEC 60598-1:2024 +A11:2024 §7.22
13.	**Glass fragmentation test**	
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 §22.104 IEC 60335-2-89:2019/COR2:2021 §22.104
Luminaires		EN 60598-2-3:2003 +A1:2011 §3.6.5.2.2 IEC 60598-2-3:2002 +A1:2011 §3.6.5.2.2
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex T.10
14.	**Automatic cord reel test**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.16 EN IEC 60335-1:2023 +A11:2023 §22.16 IEC 60335-1:2020 +COR:2021 +AMD1:2025
15.	**Scratch test on accessible parts of solid insulation**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §21.2 EN IEC 60335-1:2023 +A11:2023 §21.2 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §19.10 c)
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
16.	**Mechanical strength of terminals for external conductors**	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §26 EN IEC 60335-1:2023 +A11:2023 §26 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §14.4.6 EN IEC 60598-1:2024 +A11:2024 §16.3.6
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §22.9.5, §23
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
17.	**Lifting test**	
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.2.5 EN IEC 61439-2:2021 EN IEC 61439-3:2024
18.	**Pressure test on lampholders**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.4.4 EN IEC 60598-1:2024 +A11:2024 §7.4.4
19.	**Test of adequate factors of safety of mechanical suspensions, fixings and connections of luminaires**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §4.14.1 EN IEC 60598-1:2024 +A11:2024 §7.14.1
20.	**Test on clamping screws or nuts that are being tightened**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §14.4.2 EN IEC 60598-1:2024 +A11:2024 §16.3.2
Lamp controlgear		EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
21.	**Test on Terminals which clamp the conductor between metal surfaces**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §14.4.7 EN IEC 60598-1:2024 +A11:2024 §16.3.7
Lamp controlgear		EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7
22.	**Mechanical strength tests of Screwless terminals**	
Luminaires		*EN IEC 60598-1:2021 +A11:2022 §15.5.1, §15.6.2 EN IEC 60598-1:2024 +A11:2024 §17.4.1, 17.5.2
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §8 EN IEC 61347-1:2024 §7
23.	**Rough handing**	
Medical electrical equipment		EN 60601-1:2006 +A1:2012 +A12:2014 +A2:2021 +A13:2024 §15.3.5 IEC 60601-1:2005 +A1:2012 +A2:2020 §15.3.5
24.	**Mechanical test for terminal with screw clamping**	
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §12.2.5, §12.2.6, §12.2.7, §12.2.8, §12.3.10. IEC 60884-1:2022 §12.2.5, §12.2.6, §12.2.7, §12.2.8, §12.3.10
VI. Environmental tests		
1.	**Resistance to heat test**	
Conduit systems for cable management		EN 61386-1:2008 + A1:2019, §12.2 IEC 61386-1:2008 + A1:2017, §12.2 EN IEC 61386-21:2021 + A11:2021 §12 EN IEC 61386-22:2021 + A11:2021 §12 EN IEC 61386-23:2021 +A11:2021 §12
2.	**Vibration test (sinusoidal, broadband random, mixed)** (5Hz to 2kHz)	
Electrical & Electronic Equipment		EN 60068-2-6:2008 IEC 60068-2-6:2007 EN 60068-2-64:2008 +A1:2019 IEC 60068-2-64:2008 +AMD1:2019 EN 60068-2-80:2005 IEC 60068-2-80:2005
Military equipment		MIL STD 810G:2008 *Method 514.6 PROCEDURE I* MIL STD 810H *Method 514.8 PROCEDURE I, Method 528.1* AECTP 400 Method 401

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Lithium Metal, lithium ion, Sodium ion Batteries Batteries for Use in Electric Vehicles		ST/SG/AC.10/11/Rev.8:2023 §38.3 (UN38.3) Test T3 EN IEC 62281:2019 + A1:2021 + A2:2023 Test T3 ANSI/CAN/UL/ULC 2580:2022 §35 SAE J2380:2021
3.	**Mechanical shock test** (up to 46kN)	
Electrical & Electronic Equipment		EN 60068-2-27:2009 IEC 60068-2-27:2008
Military equipment		MIL STD 810G:2008 *Method:516.6* MIL STD 810H *Method 516.8* AECTP 400 *Method 403*
Lithium Metal, lithium ion, Sodium ion Batteries Batteries for Use in Electric Vehicles		ST/SG/AC.10/11/Rev.8:2023 §38.3 (UN38.3) Test T4 EN IEC 62281:2019 + A1:2021 + A2:2023 Test T4 ANSI/CAN/UL/ULC 2580:2022 §36
4.	**Loose cargo test** (up to 100kg)	
Electrical & Electronic Equipment		EN 60068-2-55:2013 IEC 60068-2-55:2013
Military equipment		MIL STD 810G:2008 *Method:516.6 PROCEDURE II* MIL STD 810H *Method 516.8 PROCEDURE II* AECTP 400 *Method 406*
5.	**Ambient temperature, humidity, atmospheric pressure Test of ME equipment**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 +A2:2021 +A13:2024 §5.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §5.3
Medical electrical equipment and medical electrical systems used in the home healthcare environment		EN 60601-1-11:2015 + A1:2021 §4.2.1, §4.2.2, §4.2.3
6.	**Test Cab: Damp heat, steady state**	
Test Cab: Damp heat, steady state		EN 60068-2-78:2025 IEC 60068-2-78:2025
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002 §8.3 IEC 60945:2002 §8.3
7.	**Tests Ab, Ad, Ae: Cold**	
Test A: Cold		EN 60068-2-1:2025 IEC 60068-2-1:2025
Temperature recorders for the transport, storage and distribution of temperature sensitive goods		EN 12830:2018

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002 §8.4 IEC 60945:2002 §8.4 MSC***/Circ.980 Annex, §3.2.3
Military equipment		MIL-STD 810G Method 502.5 procedure I, II, III MIL-STD 810H Method 502.7 procedure I, II, III
8.	**Test Db: Damp heat, cyclic**	
Test Db: Damp heat, cyclic		EN 60068-2-30:2025 IEC 60068-2-30:2025
Maritime navigation and radiocommunication equipment and systems		MSC*** 70/23/Add.1 Annex 6, §1.2
Military equipment		MIL-STD 810G Method 507.5 procedure I, II MIL-STD 810H Method 507.6 procedure I, II
9.	**Test Na, Nb and Nc: Change of temperature**	
Test N: Change of temperature		EN 60068-2-14:2023 IEC 60068-2-14:2023
Maritime navigation and radiocommunication equipment and systems		MSC*** 70/23/Add.1 Annex 6, §1.2
Lamp controlgear		*EN 61347-1:2015 +A1:2021 Annex P.2.4.2.1 EN IEC 61347-1:2024 Annex I.3.2 IEC 61347-1:2024
Military equipment		MIL-STD 810G Method 503.5 procedure I-A, I-B, I-C, I-D MIL-STD 810H Method 503.7 procedure I-A, I-B, I-C, I-D
Lithium Metal, lithium ion, Sodium ion Batteries		ST/SG/AC.10/11/Rev.8:2023 §38.3 (UN38.3) Test T2 EN IEC 62281:2019 + A1:2021 + A2:2023 Test T2
10.	**Test Z/AD: Composite temperature/humidity cyclic test**	
Test Z/AD: Composite temperature/humidity cyclic test		EN 60068-2-38:2021 IEC 60068-2-38:2021
Maritime navigation and radiocommunication equipment and systems		MSC*** 70/23/Add.1 Annex 6, §1.2
11.	**Mould stress relief test**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex T.8
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §15.3.6 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.8.3, §15.3.6
12.	**Test Bb, Bd και Be: Dry heat** (25 – 300) ºC	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Test B: Dry heat		EN 60068-2-2:2025 IEC 60068-2-2:2025
Temperature recorders for the transport, storage and distribution of temperature sensitive goods		EN 12830:2018
Electronic equipment for use in power installations		EN IEC 62477-1:2023 +AC:2024 §5.2.6.3.1
Electrical installations in ships		IEC 60092-504:2026 Table 1
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002, §8.2, Annex B.2 MSC***/Circ.980 Annex §3.2.4
Hold, ballast and dry space water level		IACS**** SC180:Sept.2003
Military equipment		MIL-STD-810F:2000 Method 501.4 MIL-STD-810G: 2014 Method 501.6 MIL-STD-810H:2019 Method 501.7
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §29.3.3 EN IEC 60335-1:2023 +A11:2023 §29.3.3 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023- IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Programmable controllers		*EN 61131-2:2007, §6.1.1 EN IEC 61131-2:2025 §5.2.1
Low-voltage power supply devices, d.c. output		EN 61204:1995 +A1:2001 §7.2.2
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.2.3.1 EN IEC 61439-2:2021 EN IEC 61439-3:2024
13.	**Resistance to moisture**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §15.3 EN IEC 60335-1:2023 +A11:2023 §15.3 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Luminaires		*EN IEC 60598-1:2021 §9.3.1 EN IEC 60598-1:2024 +A11:2024 §11.3
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §5.7 IEC 60601-1:2005 +A1:2012 +A2:2020 §5.7
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §11 EN IEC 61347-1:2024 §10.2.1 IEC 61347-1:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §17.2
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.8
14.	**Resistance to ageing**	
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013, §16 IEC 60884-1:2022 §16
15.	**Thermal cycling test**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §8.9.3.4 IEC 60601-1:2005 +A1:2012 +A2:2020 §8.9.3.4
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §5.4.1.5.3
16.	**Endurance test – Luminaires**	
Luminaires		*EN IEC 60598-1:2021 §12.3.1 EN IEC 60598-1:2024 +A11:2024 §14.3
17.	**Salt mist / Salt fog**	
Test Ka: Salt mist		EN IEC 60068-2-11:2021
Test Kb: Salt mist, cyclic (sodium chloride solution)		EN IEC 60068-2-52:2018
Military equipment		MIL-STD 810G Method 509.5 procedure I-A, I-B, I-C, I-D MIL-STD 810H Method 509.7 procedure I-A, I-B, I-C, I-D
18.	**Blowing dust & Blowing sand**	
Military equipment		MIL-STD 810G Method 510.5 procedure I, II MIL-STD 810H Method 510.7 procedure I, II
19.	**Low air pressure**	
Test M: Low air pressure		EN IEC 60068-2-13:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Military equipment		MIL-STD 810G Method 500.5 procedure I, II, III, IV MIL-STD 810H Method 500.6 procedure I, II, III, IV
Lithium Metal, lithium ion, Sodium ion Batteries		ST/SG/AC.10/11/Rev.8:2023 §38.3 (UN38.3) Test T1 EN IEC 62281:2019 + A1:2021 + A2:2023 Test T1
VII. Performance tests		
1.	**Test for protection against ingress of water**	
Degrees of protection provided by enclosures (IP Code)		EN 60529:1991 + A1:2000 + A2:2013 §14 IEC 60529:1989 + A1:1999 + A2:2013 §14
Electrical installations in ships		IEC 60092-504:2026
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §15.1, §22.1 EN IEC 60335-1:2023 +A11:2023 §15.1, §22.1 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 §9.2.3-9.2.9 EN IEC 60598-1:2024 +A11:2024 §11.2.4-11.2.11
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §11.6.5, §15.4.7.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §11.6.5, §15.4.7.3
Medical electrical equipment and medical electrical systems used in the home healthcare environment		EN 60601-1-11:2015 +A1:2021 §8.3.1, 8.3.2
Medical electrical equipment - infusion pumps and controllers		EN 60601-2-24:2015 §201.11.6.5
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024§14.1 IEC 60730-1:2022
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §16.2.2 IEC 60884-1:2022 §16.2.3
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002 §8.8, §8.9
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.3 EN IEC 61439-2:2021 EN IEC 61439-3:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §14.1.3 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 IEC 61386-1:2008+A1:2017 §14.1.3
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §17
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric toys		EN IEC 62115:2020 +A11:2020 §11.1
Military equipment		MIL-STD-810G:2014 Method 512.6 MIL-STD-810H:2019 Method 512.6
Life-saving appliances		MSC*** 70/23/Add.1 Annex 6 §10.2.5
Dewatering of forward spaces of bulk carriers		IACS**** SC179:Sept.2003 §6
Hold, ballast and dry space water level		IACS**** SC180:Sept.2003, §4.1
2.	**Test for protection against access to hazardous parts and solid foreign objects**	
Degrees of protection provided by enclosures (IP Code)		EN 60529:1991 + A1:2000 + A2:2013 §12, §13, §15 IEC 60529:1989 + A1:1999 + A2:2013 §12, §13, §15
Electrical installations in ships		IEC 60092-504:2026
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.1 EN IEC 60335-1:2023 +A11:2023 §22.1 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Luminaires		*EN IEC 60598-1:2021 §8.2.5, §9.2.0, §9.2.1, §9.2.2, §11.2.1, Annex J EN IEC 60598-1:2024 +A11:2024 §10.2.5, §11.2.2, §11.2.3, Annex H
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §5.9.2 IEC 60601-1:2005 +A1:2012 +A2:2020 §5.9.2
Medical electrical equipment and medical electrical systems used in the home healthcare environment		EN 60601-1-11:2015 +A1:2021 §8.3.1, 8.3.2
Medical electrical equipment - infusion pumps and controllers		EN 60601-2-24:2015 §201.11.6.5
Automatic electrical controls		EN IEC 60730-1:2024 +A11:2024 §14.1 IEC 60730-1:2022
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002 +A1:2006 +A2:2013 §16.2.1 IEC 60884-1:2022 §16.2.2
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002 §4.6.1, 12.1
Conduit systems for cable management		EN 61386-1:2008 +A1:2019 §14.1.2 EN IEC 61386-21:2021 +A11:2021 EN IEC 61386-22:2021 +A11:2021 EN IEC 61386-23:2021 +A11:2021 IEC 61386-1:2008+A1:2017 §14.1.2
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.3 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §17
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric toys		EN IEC 62115:2020 +A11:2020 §11.1
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex V
3.	**Energy efficiency**	

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Water heaters and hot water storage tanks Water heaters, hot water storage tanks and packages of water heater and solar device Domestic electrical storage water heaters Indirectly heated unvented (closed) storage water heaters Electric instantaneous water heaters		COMMISSION REGULATION (EU) No 814/2013 COMMISSION REGULATION (EU) No 812/2013 EN 50440:2015 +A1:2020 EN 12897:2016 +A1:2020 EN 50193-1:2016 +A1:2020
Professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers Professional refrigerated storage cabinets		COMMISSION REGULATION (EU) No 1095/2015 COMMISSION REGULATION (EU) No 1094/2015 *EN 16825:2016 +A1:2019 EN ISO 22041:2019 +A1:2019
Refrigerating appliances with a direct sales function Refrigerated display cabinets Vending machines		COMMISSION REGULATION (EU) 2019/2024 EN ISO 23953-2:2023 EN IEC 63252:2020 +A11:2024
VIII. Corrosion tests		
1.	**Test for oil corrosion resistance**	
Maritime navigation and radiocommunication equipment and systems		EN 60945:2002, §8.11
Maritime equipment		IMO** :1985 Resolution MSC*** 81(70) /1998, MSC*** 70/23/ Add.1 Annex 6, §1.4, §2.4, §10.4.6, §11.2.5.3 IMO** :1985 Resolution A.521(13) Annex Part 1, §1.4, §5.16.2.5.3 IMO** :1985 MSC***/Circ.980/ Add.1, DE 43/18/Add.3 Annex 2 §4.3.1.9, §4.3.6.10 IMO** :1985 Resolution A.689(17) Annex Part 1, §1.4, §2.4, §3.1.13, §5.17.13.10, §7.2.17.10, §11.2.5.3
2.	**Resistance to rusting**	
Luminaires		*EN IEC 60598-1:2021 §4.18.1 EN IEC 60598-1:2024 +A11:2024 §7.18.1
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002, +A1:2006 +A2:2013 §29 IEC 60884-1:2022 §29
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §19
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §28
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
3.	**Resistance to corrosion due to stress**	
Luminaires		*EN IEC 60598-1:2021 §4.18.2 EN IEC 60598-1:2024 +A11:2024 §7.18.2
IX. Flame tests		
1.	**Needle flame test**	
Fire hazard testing. Test flames. Needle-flame test method - Apparatus, confirmatory test arrangement and guidance		EN 60695-11-5:2017
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 Annex E EN IEC 60335-1:2023 +A11:2023 Annex E IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Lampholders for tubular fluorescent lamps and starterholders		EN 60400:2017 +A1:2021 +A2:2024 §18.5
Luminaires		*EN IEC 60598-1:2021 §13.3.1, §4.21.4 EN IEC 60598-1:2024 +A11:2024 §15.3.2
Bayonet lampholders		EN 61184:2017 +A1:2022 +A2:2024 §20.4 EN 61184:2017 +A1:2022 +A2:2024 §20.4
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §18.4 EN IEC 61347-1:2024 §15.2.3 IEC 61347-1:2024
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §8.1.3.2.3 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Electric toys		EN IEC 62115:2020 + A1:2020 Annex B
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §6.4.8.3.3, Annex S.1, S.2, S.3, S.4, S.5
2.	**Printed circuit boards-Resistance to heat**	
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §18.2 EN IEC 61347-1:2024 §15.2.4 IEC 61347-1:2024
3.	**Flammability tests for the bottom of fire enclosures**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 §6.4.8.3.3, Annex S
4.	**Flame 50W**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §11.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §11.3
X. Other tests		
1.	**Overflow test on medical equipment**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §11.6.2 IEC 60601-1:2005 +A1:2012 +A2:2020 §11.6.2

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
2.	**Tests on coated printed boards**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex G.13.6.2
3.	**Hydrostatic pressure test**	
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex G.15
4.	**Liquid leakage control test in electrical insulation**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.6 EN IEC 60335-1:2023 +A11:2023 §22.6 IEC 60335-1:2020 +COR:2021 +AMD1:2025
5.	**Water leak test in a water supply device**	
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §22.47 EN IEC 60335-1:2023 +A11:2023 §22.47 IEC 60335-1:2020 +COR:2021 +AMD1:2025
6.	**Liquid leakage control test in medical electrical equipment**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §11.6.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §11.6.3
Medical electrical equipment - infusion pumps and controllers		EN 60601-2-24:2015 §201.11.6.3
7.	**Inspections and tests for marking**	
Domestic cooking appliances burning gas		EN 30-1-1:2021 +A1:2023 §5.2.2
Non-automatic weighing instruments		EN 45501:2015, §7
Household and similar electrical appliances		*EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 §7.14 EN IEC 60335-1:2023 +A11:2023 §7.14 IEC 60335-1:2020 +COR:2021 +AMD1:2025
Vacuum cleaners and water-suction cleaning appliances		*EN 60335-2-2:2010 +A1:2013 +A11:2012 EN IEC 60335-2-2:2023 +A11:2023 IEC 60335-2-2:2019
Electric irons		EN 60335-2-3:2016 +A1:2020 IEC 60335-2-3:2022 +AMD1:2025
Dishwashers		EN 60335-2-5:2015 +A11:2019 +A1:2020 IEC 60335-2-5:2025
Washing machines		*EN 60335-2-7:2010 +A11:2013 +A1:2013 +A2:2019 EN 60335-2-7:2023 + A11:2023 IEC 60335-2-7:2024

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Grills, toasters and similar portable cooking appliances		*EN 60335-2-9:2003 +A1:2004 +A12:2007 +A13:2010 +A2:2006 +AC:2012 EN 60335-2-9:2023 +A11:2023 IEC 60335-2-9:2019
Deep fat fryers, frying pans and similar appliances		EN 60335-2-13:2010 +A11:2012 +A1:2019 IEC 60335-2-13:2021 +AMD1:2025
Kitchen machines		EN 60335-2-14:2023 +A1:2023 +A11:2023 IEC 60335-2-14:2025
Appliances for heating liquids		EN 60335-2-15:2016 +A11:2018 +A1:2021+A2:2021+A12:2021 IEC 60335-2-15:2024
Storage water heaters		EN 60335-2-21:2021 +A1:2021 IEC 60335-2-21:2022
Appliances for skin or hair care		*EN 60335-2-23:2003 +A1:2008 +A11:2010 +AC:2012 +A2:2015 +A1:2021 EN IEC 60335-2-23:2023 +A1:2023 +A11:2023 IEC 60335-2-23:2026
Refrigerating appliances, ice-cream appliances and ice makers		EN 60335-2-24:2022 +A11:2022 IEC 60335-2-24:2025
Microwave ovens, including combination microwave ovens		EN IEC 60335-2-25:2021 +A11:2021
Room heaters		EN 60335-2-30:2009 +A11:2012 +A12:2020 +A1:2020 +AC:2014 +A2:2022 +A13:2022 IEC 60335-2-30:2009 +AMD1:2016 +AMD2:2021
Range hoods and other cooking fume extractors		EN 60335-2-31:2014 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-31:2024
Electrical heat pumps, air-conditioners and dehumidifiers		*EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A13:2012 +A2:2009 EN IEC 60335-2-40:2024 +A11:2024 IEC 60335-2-40:2024
Commercial dispensing appliances and vending machines		*EN 60335-2-75:2004 +A1:2005 +A11:2006 +A2:2008 +A12:2010 EN IEC 60335-2-75:2023 +A1:2023 +A2:2023 +A11:2023 IEC 60335-2-75:2024
Fans		*EN 60335-2-80:2003 +A1:2004 +A2:2009 EN IEC 60335-2-80:2024 +A11:2024 IEC 60335-2-80:2024
Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		*EN 60335-2-89:2022 +A11:2022 +AC:2023 IEC 60335-2-89:2019/COR2:2021
Gas, oil and solid-fuel burning appliances having electrical connections		*EN 60335-2-102:2016 EN IEC 60335-2-102:2024 +A11:2024
Luminaires		*EN IEC 60598-1:2021 §3.4 EN IEC 60598-1:2024 +A11:2024 §6.5

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Medical electrical equipment		EN 60601-1:2006 +A1:2013 +A12:2014 +A2:2021 +A13:2024 §7.1.3 IEC 60601-1:2005 +A1:2012 +A2:2020 §7.1.3
Plugs and socket-outlets for household and similar purposes		*IEC 60884-1:2002, +A1:2006 +A2:2013, §8 IEC 60884-1:2022 §8
Lamp controlgear		*EN 61347-1:2015 +A1:2021 §7.2 EN IEC 61347-1:2024 §6.3 IEC 61347-1:2024
Conduit systems for cable management		EN 61386-1:2008 + A1:2019, §7 IEC 61386-1:2008 + A1:2017, §7 EN IEC 61386-21:2021 + A11:2021 §7 EN IEC 61386-22:2021 + A11:2021 §7 EN IEC 61386-23:2021 +A11:2021 §7
Low-voltage switchgear and controlgear assemblies		EN IEC 61439-1:2021 §10.2.7 EN IEC 61439-2:2021 EN IEC 61439-3:2024
Transformers, reactors, power supply units and combinations thereof		EN IEC 61558-1:2019 +AC:2026 §8.15
Isolating transformers and power supply units incorporating isolating transformers for general applications		*EN 61558-2-4:2009 EN IEC 61558-2-4:2025 IEC 61558-2-4:2021
Safety isolating transformers and power supply units incorporating safety isolating transformers for general applications		*EN 61558-2-6:2009 EN IEC 61558-2-6:2025 IEC 61558-2-6:2021
Auto-transformers and power supply units incorporating auto-transformers for general applications		*EN 61558-2-13:2009 EN IEC 61558-2-13:2025 IEC 61558-2-13:2022
Isolating transformers for medical IT systems for the supply of medical locations		*EN 61558-2-15:2012 EN IEC 61558-2-15:2025 IEC 61558-2-15:2022
Electric toys		EN IEC 62115:2020+A11:2020 §7.7
Audio/video, information and communication technology equipment		EN IEC 62368-1:2024 +A11:2024 Annex F.3.10
8.	**Legibility of markings**	
Medical electrical equipment		EN 60601-1:2006 +A1:2013 + A12:2014 + A2:2021 +A13:2024 §7.1.2 IEC 60601-1:2005 +A1:2012 +A2:2020 §7.1.2

For the editions of standards marked with asterisk (*), newer editions have been published; however, they remain in the scope of accreditation, as they either constitute harmonized standards corresponding to the relevant European Directive or constitute the basic edition (Part 1) of a standard referenced in a normative reference to a secondary standard (Part 2) for which no new edition has been published.

*IMO**: International Maritime Organization*
*MSC***: Maritime Safety Committee*
*IACS****: International Association of Classification Societies*

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Athens, 23.09.2026

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