PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Tecnolab del Lago Maggiore S.r.l.

Via dell'Industria 20, 28924, Verbania (VB), Italy

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Acoustic, Chemical, Electrical, Environmental, and Mechanical Testing

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
October 05, 2019	June 14, 2025	August 31, 2027

Accreditation No.:	*Certificate No.:*
89163	L25-455

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Tecnolab del Lago Maggiore S.r.l.
Via dell'Industria 20, 28924, Verbania (VB), Italy
Contact Name: Michele Setaro Phone: 032-358-6514

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Steel	**Chemical Composition:** Aluminum Antimony Arsenic Bismuth Boron Calcium Carbon Chromium Cobalt Copper Lead Manganese Molybdenum Nickel Niobium Phosphorus Silicon Sulfur Tin Titanium Tungsten Vanadium Zinc Zirconium	Internal Method PP.0040	Optical Emission Spectrometry (S-OES)	F1, F4	F

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Chemical	Copper Copper Alloys	**Chemical Composition:** Aluminum Antimony Arsenic Beryllium Bismuth Boron Cadmium Chromium Cobalt Iron Lead Magnesium Manganese Nickel Phosphorus Silicon Sulfur Tellurium Tin Zinc Zirconium	Internal Method PP.0040	Optical Emission Spectrometry (S-OES)	F1, F4	F
Chemical	Aluminum Aluminum Alloys	**Chemical Composition:** Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron	Internal Method PP.0040	Optical Emission Spectrometry (S-OES)	F1, F4	F

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Chemical	Aluminum Aluminum Alloys	**Chemical Composition:** Lead Magnesium Manganese Nickel Silicon Strontium Tin Titanium Vanadium Zinc Zirconium	Internal Method PP.0040	Optical Emission Spectrometry (S-OES)	F1, F4	F
Chemical	Metals	Lead	NSF ANSI CAN 372:2024 Excluded 7.2	Optical Emission Spectrometry (S-OES)	F1	F
Chemical	Metal Materials	Dezincification Corrosion Resistance	AS 2345:2006 (R2016) EN ISO 6509-1:2014 TCS 1411.1	Caliper Conductimetry Microscope	F1	F
Mechanical	Sanitary Tapware	Marking and identification	Cap. 5 EN 200:2023 Cap. 5 EN 817:2024 Cap. 7 EN 1111:2017 Cap. 6 EN 1112:2008 Cap. 5 EN 1113:2015 Cap. 6 EN 16145:2012 Cap. 5 EN 16146:2012 + A1:2014 Cap. 7 EN 1287:2017 Cap. 8 NHS Model engineering specifications - D 08:2015 Cap. 8 NHS Model engineering specifications - D 08:2017 Cap. 9 NHS Model engineering specifications - D 08:2015 Cap. 9 NHS Model engineering specifications - D 08:2017	Visual inspection	F1	F

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Mechanical	Sanitary Tapware	Dimensional characteristics	Cap. 9 EN 200:2023 Cap. 9 EN 817:2024 Cap. 9 EN 1111:2017 Cap. 8 EN 1112:2008 Cap. 7 EN 1113:2015 Cap. 8 EN 16145:2012 Cap. 7 EN 16146:2012 + A1:2014 Cap. 9 EN 1287:2017	Caliper	F1	F
Mechanical	Sanitary Tapware	Backflow protection	Cap. 7 EN 200:2023 Cap. 7 EN 817:2024 Cap. 10 EN 1111:2017 Cap. 12 EN 16145:2012 Cap. 10 EN 1287:2017	Visual inspection	F1	F
Mechanical	Sanitary Tapware	Leaktightness characteristics	Cap. 10 EN 200:2023 Cap. 10 EN 817:2024 Cap. 12 EN 1111:2017 Cap. 9 EN 1112:2008 Cap. 9 EN 1113:2015 Cap. 9 EN 16145:2012 Cap. 9 EN 16146:2012 + A1:2014 Cap. 12 EN 1287:2017 Cap. 5 NHS Model engineering specifications - D 08:2015 Cap. 5 NHS Model engineering specifications - D 08:2017	Hydraulic Press Taps Test Bench + Software Pressure Gauge	F1	F
Mechanical	Sanitary Tapware	Hydraulic performance	Cap. 12 EN 200:2023 Cap. 12 EN 817:2024 Cap. 13 EN 1111:2017 Cap. 11 EN 1112:2008 Cap. 8 EN 1113:2015 Cap. 11 EN 16145:2012 Cap. 8 EN 16146:2012 + A1:2014	Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1	F

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Mechanical	Sanitary Tapware	Hydraulic performance	Cap. 13 EN 1287:2017 Cap. 7 NHS Model engineering specifications - D 08:2015 Cap. 7 NHS Model engineering specifications - D 08:2017 Cap. 10 NHS Model engineering specifications - D 08:2015 Cap. 10 NHS Model engineering specifications - D 08:2017 Cap. 11 NHS Model engineering specifications - D 08:2015 Cap. 11 NHS Model engineering specifications - D 08:2017	Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1	F
Mechanical	Sanitary Tapware	Pressure resistance	Cap. 11 EN 200:2023 Cap. 11 EN 817:2024 Cap. 14 EN 1111:2017 Cap. 14 EN 1287:2017	Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1	F
Mechanical	Sanitary Tapware	Mechanical Strenght / Torsion resistance	Cap. 13 EN 200:2023 Cap. 13 EN 817:2024 Cap. 15 EN 1111:2017 Cap. 10 EN 1112:2008 Cap. 9 EN 1113:2015 Cap. 10 EN 16145:2012 Cap. 9 EN 16146:2012 + A1:2014 Cap. 15 EN 1287:2017	Torque Transducer Taps Test Bench + Software Pressure Gauge	F1	F
Mechanical	Sanitary Tapware	Mechanical endurance	Cap. 14 EN 200:2023 Cap. 14 EN 817:2024 Cap. 16 EN 1111:2017 Cap. 12 EN 1112:2008 Cap. 14 EN 1112:2008 Cap. 10 EN 1113:2015 Cap. 10 EN 16145:2012	Taps Test Bench	F1	F

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Mechanical	Sanitary Tapware	Mechanical endurance	Cap. 14 EN 16145:2012 Cap. 10 EN 16146:2012 + A1:2014 Cap. 9 EN 16146:2012 + A1:2014 Cap. 16 EN 1287:2017 Cap. 6 NHS Model engineering specifications - D 08:2015 Cap. 6 NHS Model engineering specifications - D 08:2017	Taps Test Bench	F1	F
Mechanical	Sanitary Tapware	Marking and identification	Cap. 6 AS/NZS 3662:2013 Cap. 1.5 AS/NZS 3718:2005 (R2016) Cap. 1.5 AS 3718:2021 Cap. 1.7 AS 4032.1:2024 Cap. 1.6 AS 4032.4:2014	Visual inspection	F1	F
Mechanical	Sanitary Tapware	Design	Cap. 3 AS 4032.1: :2024 Cap. 3 AS 4032.4:2014 Cap. 3 AS/NZS 3718:2005 (R2016) Cap. 3 AS 3718:2021	Visual inspection	F1	F
Mechanical	Sanitary Tapware	Leaktightness characteristics	Cap. 4.4 + 4.9 + App. E AS 4032.1: :2024 Cap. 4.3 + 4.7 + App. C AS 4032.4:2014 Cap. 4.3 + App. D AS/NZS 3718:2005 (R2016) Cap. 4.3 + App. C AS 3718:2021 Cap. 4.5 + App. F AS/NZS 3718:2005 (R2016) Cap. 4.5 + App. E AS 3718:2021 Cap. 5.6 AS/NZS 3662:2013	Hydraulic Press Taps Test Bench + Software Pressure Gauge	F1	F

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Mechanical	Sanitary Tapware	Torsion resistance	Cap. 4.3 + App. D AS 4032.1: :2024 Cap. 4.13 + App. L AS 4032.4:2014 Cap. 4.14 + App. M AS 4032.4:2014 Cap. 4.15 + App. N AS 4032.4:2014 Cap. 4.8 + App. H AS/NZS 3718:2005 (R2016) Cap. 4.8 + App. G AS 3718:2021 Cap. 4.9 + App. I AS/NZS 3718:2005 (R2016) Cap. 4.9 + App. H AS 3718:2021 Cap. 4.10 + App. J AS/NZS 3718:2005 (R2016) Cap. 4.11 + App. K AS/NZS 3718:2005 (R2016) Cap. 4.10 + App. I AS 3718:2021	Torque Transducer Taps Test Bench + Software Pressure Gauge Weight	F1	F

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Mechanical	Sanitary Tapware	Hydraulic performance	Cap. 4.5 + App. F AS 4032.1: :2024 Cap. 4.4 + App. D AS 4032.4:2014 Cap. 4.6 + App. G AS 4032.1: :2024 "Cap. 4.7 + App. H AS 4032.1: :2024 Cap. 4.5 + App. E AS 4032.4:2014 "Cap. 4.8 + App. I AS 4032.1: :2024 Cap. 4.6 + App. F AS 4032.4:2014 Cap. 4.12 + App. J + App. K + AS 4032.4:2014 Cap. 4.6 + App. G AS/NZS 3718:2005 (R2016) Cap. 4.6 + App. F + App. O AS 3718:2021 Cap. 5.1 + App. B + App. G AS/NZS 3662:2013 Cap. 5.2 + App. C AS/NZS 3662:2013 Cap. 5.3 + App. D AS/NZS 3662:2013 Cap. 5.5 + App. E AS/NZS 3662:2013 Cap. 5.4.1 + App. H AS/NZS 3662:2013 Cap. 5.4.2 + App. I AS/NZS 3662:2013 Cap. 4.11 + App. I AS 4032.4:2014 Cap 4.15 AS 3718:2021	Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1	F

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Mechanical	Sanitary Tapware	Mechanical endurance	Cap. 4.10 + App. J AS 4032.1: :2024 Cap. 4.8 + App. G + App. O AS 4032.4:2014 Cap. 4.12 + App. L + App. Q AS/NZS 3718:2005 (R2016) Cap. 4.12 + App. J AS 3718:2021 Cap. 4.11 + App. J + App. Q + App. R AS 3718:2021 Cap. 5.7 + App. F AS/NZS 3662:2013 Cap 4.16 + App. P AS 3718:2021	Taps Test Bench	F1	F
Mechanical	Sanitary Tapware	Mechanical Strength	Cap. 4.16 AS 4032.4:2014 Cap. 4.15 AS/NZS 3718:2005 (R2016) Cap. 4.14 AS 3718:2021 Cap. 4.4 + App. E AS/NZS 3718:2005 (R2016) Cap. 4.4 + App. D AS 3718:2021 Cap. 4.13 + App. M AS/NZS 3718:2005 (R2016) Cap. 4.12 + App. K AS 3718:2021 Cap. 4.14 + App. N AS/NZS 3718:2005 (R2016) Cap. 4.13 + App. L AS 3718:2021 Cap. 4.11 + App. I AS 4032.4:2014	Torque Transducer Taps Test Bench + Software Pressure Gauge	F1	F
Mechanical	Sanitary Tapware	Dimensions	Cap. 3 AS/NZS 3718:2005 (R2016) Cap. 3 AS 3718:2021	Caliper	F1	F
Mechanical	Sanitary Tapware	Design	SASO 2655:2019 Clause 4.4	Caliper	F1	F
Mechanical	Sanitary Tapware	Coatings	SASO 2655:2019 Clause 5.2	Visual inspections	F1	F

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Mechanical	Sanitary Tapware	Hydraulic Characteristics	SASO 2655:2019 Clause 5.3 Excluded 5.3.3 and 5.3.7 SASO 2655:2019 Clause 5.4	Taps Test Bench + Software Torque Transducer Pressure Gauge Temperature Meter Flow Meter Weight	F1	F
Mechanical	Sanitary Tapware	Operating requirements	SASO 2655:2019 Clause 5.5	Taps Test Bench + Software Torque Transducer Pressure Gauge Temperature Meter Flow Meter Weight	F1	F
Mechanical	Sanitary Tapware	Endurance Life Cycle	SASO 2655:2019 Clause 5.6 Excluded 5.6.3.5	Taps Test Bench	F1	F
Mechanical	Sanitary Tapware	Mechanical Strength	SASO 2655:2019 Clause 5.7 SASO 2655:2019 Clause 5.8	Torque Transducer Taps Primary Test Bench + Software Pressure Gauge Temperature Meter Flow Meter Weight	F1	F
Mechanical	Sanitary Tapware	Backflow Prevention	SASO 2655:2019 Clause 5.9	Taps Test, Bench Pressure Gauge	F1	F
Mechanical	Sanitary Tapware	Markings, Packaging, and Installation Instructions	SASO 2655:2019 Clause 6	Visual inspection	F1	F
Mechanical	Sanitary Tapware and valves	Backflow and pollution protection	EN 1717:2000	Caliper Hydraulic Press Pressure Gauge Temperature Meter	F1	F

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Mechanical	Sanitary Tapware and valves	Marking for identification	TCS 1411.2 TCS 1412.1 TCS 1611.14 TCS 2213.5 TCS 2213.7 TCS 2213.10 TCS 2213.11 TCS 2213.14 TCS 4001.11 TCS 6001.1	Visual Inspection	F1, F2	F
Mechanical	Sanitary Tapware and valves	Dimension	TCS 2212.10 TCS 2213.18 TCS 2213.19 TCS 5011.1	Caliper	F1, F2	F
Mechanical	Sanitary Tapware and valves	Closure	TCS 1111.1 TCS 1111.3 TCS 1111.4 TCS 1111.6 TCS 1111.7 TCS 1111.13 TCS 1111.17 TCS 1112.1 TCS 1112.3 TCS 1112.15	Hydraulic Press Torque Transducer Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Leaktightness test	TCS 1111.5 TCS 1111.14 TCS 1111.15 TCS 1111.18 TCS 1113.1	Hydraulic Press Torque Transducer Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F

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Mechanical	Sanitary Tapware and valves	Endurance	TCS 1211.2 TCS 1211.3 TCS 1211.5 TCS 1211.7 TCS 1211.8 TCS 1211.19 TCS 1211.14 TCS 1211.22 TCS 1212.3	Caliper Hydraulic Press Torque Transducer Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Torque	TSC 1312.3 TCS 1314.1 TCS 1314.7 TCS 1314.9 TCS 1314.11 TCS 1314.12 TCS 1314.13 TCS 1314.14 TCS 1314.15 TCS 1315.2 TCS 1315.1 TCS 1315.4	Caliper Hydraulic Press Torque Transducer Taps Primary Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Flow rate	TCS 1511.4 TCS 1313.7	Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Visual inspection - seal	TCS 1611.5 TCS 1611.8 TCS 1611.10 TCS 1611.11 TCS 2111.3 TCS 2114.2	Visual inspection	F1, F2	F

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Mechanical	Sanitary Tapware and valves	Bending strength	TCS 1312.11 TCS 1312.14	Hydraulic Press Torque Transducer Pressure Gauge	F1, F2	F
Mechanical	Sanitary Tapware and valves	Opening and closing of the relief valve	TCS 1511.1	Hydraulic Press Torque Transducer Taps Primary Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Vacuum test	TCS 2211.2 TCS 2212.6 TCS 2212.9 TCS 2212.11 TCS 2212.12	Caliper Hydraulic Press Torque Transducer Taps Primary Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Sanitary Tapware and valves	Pressure difference	TCS 1111.16 TCS 2213.8	Hydraulic Press Taps Test Bench + Software Pressure Gauge Temperature Meter Flow Meter	F1, F2	F
Mechanical	Mechanical, Electrical and Electronic Equipment	Shock Dynamic acceleration	CEI EN 60068-2-27:2012, EN 60068-2-27:2009, IEC 60068-2-27:2008	Vibrational shaker and controller	F1	F
Mechanical	Mechanical, Electrical and Electronic Equipment	Vibration, broadband random and guidance Dynamic acceleration	CEI EN 60068-2-64:2020, EN 60068-2-64:2008/A1:2020, IEC 60068-2-64:2008/A1:2019	Vibrational shaker and controller	F1	F
Mechanical	Mechanical, Electrical and Electronic Equipment	Vibration (sinusoidal) Dynamic acceleration	CEI EN 60068-2-6:2009, EN 60068-2-6:2008, IEC 60068-2-6:2007	Vibrational shaker and controller	F1	F

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Mechanical	Railway Applications Rolling stock Equipment	Shock and vibration tests	CEI EN 61373:2012, EN 61373:2010, IEC 61373:2010	Vibrational shaker and controller	F1	F
Acoustic	Sanitary Tapware	Acoustic characteristics	EN ISO 3822-1:1999/A1:2008 + EN ISO 3822-2:1995 + EN ISO 3822-4:1997	Temperature Meter Flow Meter Sound Analyzers	F1	F
Acoustic	Building Valves	Acoustic characteristics	EN ISO 3822-1:1999/A1:2008 + EN ISO 3822-3:2018	Temperature Meter Flow Meter Sound Analyzers	F1	F
Environmental	Mechanical Apparatus Electrical Apparatus and Sanitary Tapware	Salt Spray Test	ISO 9227:2022 Excluded Part 5.2.3. and 5.2.4 + EN ISO 10289:2001 EN 248:2002 IEC 60068-2-11:2021 ASTM B 117-19	Salt Spray Chamber pH meter Conductimetry	F1	F
Environmental	Non Heat-Dissipating and Heat Dissipating Specimens	Climatic Test Change of temperature	CEI EN 60068-2-1:2007 CEI EN 60068-2-2:2008; CEI EN 60068-2-14:2023 Excluded Par 9 Nc CEI EN 60068-2-30:2006 IEC 60068-2-38:2021 CEI EN 60068-2-78:2013	Climatic chamber	F1	F
Electrical	Household and Similar Electrical Appliances	Leakage current and touch current	IEC 60335-1:2020/~~,~~Clause 13.2 and 16.2; EN IEC 60335-1: 2023/A11:2023	Multimeter	F1	F
Electrical	Electrical Equipment of Machines	Leakage current and touch current	IEC 60204-1: 2016/AMD1:2021; Clause 8.2.6; EN 60204-1:2018;	Multimeter	F1	F

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Electrical	Audio/video, Information and Communication Technology Equipment	Leakage current and touch current	IEC 62368-1: 2023; Clause 5.7.2.1; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Medical Electrical Equipment	Leakage current and touch current	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 8.7.4.5 and 8.7.4.6; EN 60601-1:2006/A1:2013/AC:2014/ A12:2014/A2:2021/A13:2023	Multimeter	F1	F
Electrical	Household and Similar Electrical Appliances	Electric Strength	IEC 60335-1:2020; Clause 13.3 and 16.3 EN IEC 60335-1: 2023/A11:2023	Multimeter	F1	F
Electrical	Electrical Equipment of Machines	Electric Strength	IEC 60204-1: 2016/AMD1:2021; Clause 18.4; EN 60204-1:2018;AMD1:2021; Clause 8.2.6; EN 60204-1:2018	Multimeter	F1	F
Electrical	Luminaires	Electric Strength	IEC 60598-1:2020 Clause 10.2.2; EN IEC 60598-1:2021/A11:2022	Multimeter	F1	F
Electrical	Lamp Control gear	Electric Strength	IEC 61347-1: 2024 Clause 12 EN IEC 61347-1: 2024	Multimeter	F1	F
Electrical	LED Modules for General Lighting	Electric Strength	IEC 62031: 2018/AMD1: 2021; Clause 11 EN IEC 62031:2020 A11:2021;	Multimeter	F1	F
Electrical	Audio/video, Information and Communication Technology Equipment	Electric Strength	IEC 62368-1: 2023; Clause 5.4.9.1; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	Electric strength	IEC 61010-1:2010 /AMD1:2016; Clause 6.7.2.2.1; EN 61010-1:2010/A1:2019/AC:2019	Multimeter	F1	F

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Electrical	Medical Electrical Equipment -	Electric strength	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 8.8.3; EN 60601-1:2006/A1:2013/AC:2014/A12:2014/A2:2021/A13:2023	Multimeter	F1	F
Electrical	Electrical Equipment of Machines	Insulation resistance	IEC 60204-1: 2016/AMD1:2021; Clause 18.3; EN 60204-1:2018;	Multimeter	F1	F
Electrical	Luminaires	Insulation resistance	IEC 60598-1:2020 Clause 10.2.1; EN IEC 60598-1:2021/A11:2022	Multimeter	F1	F
Electrical	Lamp Control gear	Insulation resistance	IEC 61347-1: 2024 Clause 11 EN IEC 61347-1: 2024	Multimeter	F1	F
Electrical	LED Modules for General Lighting	Insulation resistance	IEC 62031: 2018/AMD1: 2021; Clause 10; EN IEC 62031:2020 A11:2021;	Multimeter	F1	F
Electrical	Audio/video, Information and Communication Technology Equipment	Insulation resistance	IEC 62368-1: 2023; Clause 5.4.10.3; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Household and Similar Electrical Appliances	Earthing conductor resistance	IEC 60335-1:2020, Clause 27.5; EN IEC 60335-1: 2023/A11:2023	Multimeter	F1	F
Electrical	Electrical Equipment of Machines	Earthing conductor resistance	EN 60204-1:2018; Clause 18.2.2; IEC 60204-1: 2016/AMD1:2021;	Multimeter	F1	F
Electrical	Luminaires	Earthing conductor resistance	IEC 60598-1:2020 Clause 7.2.3; EN IEC 60598-1:2021/A11 :2022	Multimeter	F1	F
Electrical	Lamp Control gear	Earthing conductor resistance	IEC 61347-1: 2024 Clause 9.1 EN IEC 61347-1: 2024	Multimeter	F1	F
Electrical	LED Modules for General Lighting	Earthing conductor resistance	IEC 62031: 2018/AMD1:2021; Clause 8; EN IEC 62031:2020 A11:2021;	Multimeter	F1	F

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Electrical	Audi/video, Information and Communication Technology Equipment	Earthing conductor resistance	IEC 62368-1: 2023; Clause 5.6.4.1; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	Earthing conductor resistance	IEC 61010-1:2010/AMD1:2016; Clause 6.5.2.4 EN 61010-1:2010/A1:2019/AC:2019	Multimeter	F1	F
Electrical	Medical Electrical Equipment	Earthing conductor resistance	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 8.6.4; EN 60601-1:2006/A1:2013/AC:2014/A12:2014/A2:2021/A13:2023	Multimeter	F1	F
Electrical	Household and Similar Electrical Appliances –	Power/current absorption	IEC 60335-1:2020-, Clause 10;; EN IEC 60335-1: 2023/A11:2023	Multimeter	F1	F
Electrical	Safety of Machinery - Electrical Equipment of Machines	Power/current absorption	IEC 60204-1: 2016/AMD1:2021; Clause 4.3; EN 60204-1:2018;	Multimeter	F1	F
Electrical	Audi/video, Information and Communication Technology Equipment	Power/current absorption	IEC 62368-1: 2023; ANNEX B2.5; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	Power/current absorption	IEC 61010-1:2010/AMD1:2016; Clause 5.1.3; EN 61010-1:2010/A1:2019/AC:2019	Multimeter	F1	F
Electrical	Medical Electrical Equipment	Power/current absorption	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 4.11; EN 60601-1:2006/A1:2013/AC:2014/ A12:2014 /A2:2021;	Multimeter	F1	F

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Electrical	Audi/video, Information and Communication Technology Equipment	Protection against access to live parts	IEC 62368-1: 2023; Clause Annex V.1.3 Test probe V2; EN IEC 62368-1: 2024/A11: 2024	Multimeter	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	Protection against access to live parts Protection against access to live parts	IEC 61010-1:2010 /AMD1:2016; Clause 6.2.2; EN 61010-1:2010/A1:2019/AC:2019	Multimeter	F1	F
Electrical	Medical Electrical Equipment	Protection against access to live parts	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 5.9.2.1; EN 60601-1:2006/A1:2013/AC:2014/A12:2014/A2:2021/A13:2023	Multimeter	F1	F
Electrical	LED Modules for General Lighting	Protection against access to live parts	IEC 62031: 2018/AMD1: 2021; Clause 9; EN IEC 62031:2020 A11:2021;	Multimeter	F1	F
Electrical	Household and Similar Electrical Appliances	Climatic test	IEC 60335-1:2020, Clause 15.3; EN IEC 60335-1:2023/A11: 2023	Climatic chamber	F1	F
Electrical	Electrical equipment of machines	Climatic test	IEC 60204-1: 2016/AMD1:2021; Clause 4.4.4; EN 60204-1:2018;	Climatic chamber	F1	F
Electrical	Luminaires	Climatic test	IEC 60598-1:2020 Clause 9.3.1; EN IEC 60598-1:2021/A11 : 2022	Climatic chamber	F1	F
Electrical	Lamp Control gear	Climatic test	IEC 61347-1: 2024 Clause 9.1 EN IEC 61347-1: 2024	Climatic chamber	F1	F
Electrical	LED Modules for General Lighting	Climatic test	IEC 62031: 2018/AMD1: 2021; Clause 10; EN IEC 62031:2020 A11:2021;	Climatic chamber	F1	F
Electrical	Audi/video, Information and Communication Technology Equipment	Climatic test	IEC 62368-1: 2023; Clause 5.4.8; EN IEC 62368-1: 2024/A11: 2024.	Climatic chamber	F1	F

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Electrical	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory use	Climatic test	IEC 61010-1:2010 /AMD1:2016; Clause 6.8.2; EN 61010-1:2010/A1:2019/AC:2019	Climatic chamber	F1	F
Electrical	Medical Electrical Equipment	Climatic test	EC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 5.7; EN 60601-1:2006/A1:2013/AC:2014/A12:2014/A2:2021/A13:2023	Climatic chamber	F1	F
Electrical	Automatic Electrical Controls	Climatic test	IEC 60730-1:2022, Clause 12.2.8; EN IEC 60730-1: 2024 / A11: 2021	Climatic chamber	F1	F
Electrical	Household appliances, electric tools and similar apparatus	Radiated emission, Conducted and click emission	EN IEC 55014-1: 2021 CIPSPR 14-1: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table	F1	F

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Electrical	Household appliances, electric tools and similar apparatus	ESD up to 8 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-230 MHz with level up to 3V Electromagnetic fields up to 3 V/m and 80 MHz – 6 GHz Immunity to dips and voltage variations from 10 ms to 5 s	EN IEC 55014-2: 2021 CISPR 14-2:2020	ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Semi-anecoic chamber Signal generator Bi-logperiodical antenna Horn antenna Coaxial cable Signla amplifier Power meter Electrical stress sensor Attenuator Controller AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Electric and electronic equipment for residential, commercial and light-industrial environmental	Radiated emission 30 MHz – 6 GHz Conducted and click emission 0.15-30 MHz Harmonics on power line Flicker on power line	EN IEC 61000-6-3: 2021 IEC 61000-6-3: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table Harmonic and flicker analyzer AC power	F1	F

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Electrical	Electric and electronic equipment for residential, commercial and light-industrial environmental	ESD up to 8 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 3V Electromagnetic fields up to 3 V/m for 80 MHz – 6 GHz Magnetic field with level 3 A/m Immunity to dips and voltage variations from 10 ms to 5 s	EN IEC 61000-6-1: 2019 IEC 61000-6-1: 2016	ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Semi-anecoic chamber Signal generator Bi-logperiodical antenna Horn antenna Coaxial cable Signla amplifier Power meter Electrical stress sensor Attenuator Controller Power test generator Induction coil AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Sanitary tapware – Electronic opening and closing sanitary tapware	Radiated emission 30 MHz – 6 GHz Conducted and click emission 0.15-30 MHz Harmonics on power line Flicker on power line	EN 15091: 2024 Clause 4.6.2b; Recall the following standard: EN IEC 61000-6-3: 2021 IEC 61000-6-3: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table Harmonic and flicker analyzer AC power	F1	F

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Electrical	Sanitary tapware – Electronic opening and closing sanitary tapware	ESD up to 8 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 3V Electromagnetic fields up to 3 V/m for 80 MHz – 6 GHz Magnetic field with level 3 A/m Immunity to dips and voltage variations from 10 ms to 5 s	EN 15091: 2024 Clause 4.6.2b; Recall the following standard: EN IEC 61000-6-1: 2019 IEC 61000-6-1: 2016	ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Semi-anecoic chamber Signal generator Bi-logperiodical antenna Horn antenna Coaxial cable Signla amplifier Power meter Electrical stress sensor Attenuator Controller Power test generator Induction coil AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Electric and electronic equipment for residential, commercial and light-industrial environmental	Radiated emission 30 MHz – 6 GHz Conducted and click emission 0.15-30 MHz Harmonics on power line Flicker on power line	EN IEC 61000-6-4: 2019 IEC 61000-6-4: 2018	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table	F1	F

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Electrical	Electrical lighting and similar equipment	ESD up to 15 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 3V Electromagnetic fields up to 3 V/m for 80 MHz – 1 GHz Magnetic field with level 3 A/m Immunity to dips and voltage variations from 10 ms to 5 s	EN IEC 61547: 2023 IEC 61547: 2023	ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Semi-anecoic chamber Signal generator Bi-logperiodical antenna Horn antenna Coaxial Cable Signla amplifier Power meter Electrical stress sensor Attenuator Controller Power test generator Induction coil AC power Phase motor driven AC source Power fail generator	F1	F

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Electrical	Electromedical equipment	Radiated emission 30 MHz –1 GHz Conducted emission 0.15-30 MHz ESD up to 15 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 3V Electromagnetic fields up to 10 V/m for 80 MHz – 2.7 GHz Magnetic field with level 30 A/m Immunity to dips and voltage variations from 10 ms to 5 s	EN 60601-1-2: 2015/A1: 2021 IEC 60601-1-2: 2014/A1: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Signal generator Bi-logperiodical antenna Horn antenna Coaxial cable Signal amplifier Power meter Electrical stress sensor Power test generator Induction coil AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Electrical lighting and similar equipment	Visual and documental examination from Par. 4 to 8.10	EN 60601-1-2: 2015/A1: 2021 IEC 60601-1-2: 2014/A1: 2020	Visual examination	F1	F
Electrical	Industrial, scientific and medical equipment	Radiated emission 30 MHz – 1 GHz Conducted emission 0.15-30 MHz	EN 55011: 2016/A1: 2017/A11:2020/A2:2022 CISPR 11: 2024	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Coaxial cables LISN Attenuator Antenna mast Turn table Controller Polystyrene table	F1	F

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Electrical	Electrical equipment for measurement, control and laboratory use	Radiated emission 30 MHz –1 GHz Conducted emission 0.15-30 MHz ESD up to 8 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 3V Electromagnetic fields up to 10 V/m for 80 MHz – 1 GHz and up to 3V/m for 1.4 – 6 GHz Magnetic field with level 30 A/m Immunity to dips and voltage variations from 10 ms to 5 s	EN IEC 61326-1: 2021 IEC 61326-1: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Signal generator Bi-logperiodical antenna Horn antenna Coaxial cable Signal amplifier Power meter Electrical stress sensor Power test generator Induction coil AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Information Technology Equipment (including digital apparatus)	Radiated emission 30 MHz – 18 GHz Conducted emission 0.15-30 MHz Marking requirement	ICES-003 Issue 7: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table AC power	F1	F

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Electrical	Radio frequency devices / Unintentional radiator	Radiated emission 30 MHz – 18 GHz Conducted emission 0.15-30 MHz	ANSI C63.4: 2014 ANSI C63.4a: 2017 FCC CFR 47 – Part 15 Subpart B	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial Cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene table AC power	F1	F
Electrical	Radio frequency devices / Unintentional radiator	Marking verification	FCC CFR 47 – Part 15 subpart A	Visual examination	F1	F
Electrical	Lift, moving walks and escalators	Radiated emission 30 MHz – 1GHz Conducted emission 0.15-30 MHz	EN 12015: 2020 UNI EN 12015: 2020	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial Cables Pre-amplifier LISN Attenuator Antenna mast Turn table Controller Polystyrene Table	F1	F

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Electrical	Lift, moving walks and escalators	ESD up to 15 kV Burst and fast transient up to 4 kV Surge up to 4 kV RF current 0.15-80 MHz with level up to 10V Electromagnetic fields up to 10 V/m for 80 MHz – 2.7 GHz Immunity to dips and voltage variations from 10 ms to 5 s	EN 12016: 2013 UNI EN 12016: 2013	ESD simulator BURST and SURGE generator Capacitive clamp Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks Semi-anechoic chamber Signal generator Bi-log periodical antenna Horn antenna Coaxial cable Signal amplifier Power meter Electrical stress sensor Attenuator Controller Power test generator Induction coil AC power, AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Radiated emission measurement test From 30 MHz to 18 GHz	EN 55016-2-3:2017/A1:2019/A2:2023 CISPR 16-2-3:2016/AMD1: 2019/AMD2:2023	Semi-anechoic chamber EMI Test Receiver Biconical antenna Log-periodical antenna Horn antenna Coaxial cables Pre-amplifier Antenna mast Turn table Controller Polystyrene table	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Conducted emission measurement test From 9 kHz to 30 MHz	EN 55016-2-1: 2014/A1: 2017/AC: 2020 CISPR 16-2-1: 2014/AMD1: 2017/COR1: 2020	Semi-anechoic chamber EMI Test Receiver Coaxial cables LISN Attenuator	F1	F

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Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Harmonic current emissions From 50 to 2000 Hz / Max current 16 A	EN IEC 61000-3-2: 2019/A1: 2021 IEC 61000-3-2: 2018/AMD1: 2020/ISH1: 2021/AMD2: 2024	Harmonic and flicker analyzer AC power	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Flicker measurement (parameters pst, plt, dt, dc, dmax) From 50 to 2000 Hz / Max current 16 A	EN 61000-3-3: 2013/A1: 2029/A2: 2021/AC: 2022 IEC 61000-3-3: 2013/AMD1: 2017/AMD2: 2021/COR: 2022	Harmonic and flicker analyzer AC power	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Electrostatic air discharge up to ± 30kV and electrostatic contact discharge up to ± 8 kV	EN 61000-4-2: 2009 IEC 61000-4-2;:2008	ESD simulator	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to the electromagnetic field radiated with radiofrequency From 80 to 1000 MHz test level up to 10V/m From 1 to 2.7 GHz test level up to 10V/m From 2.7 to 6 GHz test level up to 3V/m	EN IEC 61000-4-3: 2020 IEC 61000-4-3: 2020	Semi-anecoic chamber Signal generator Bi-logperiodical antenna Horn antenna, Coaxial cable Signla amplifier Power meter, Electrical stress sensor Attenuator Controller	F1	F

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Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to burst/fast transients up to 4 kV, with frequency repetition 5 or 100 kHz	EN 61000-4-4: 2012 IEC 61000-4-4: 2012	BURST generator Capacitive clamp	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to surge up to 4kV	EN 61000-4-5: 2014/A1: 2017 IEC 61000-4-5: 2014/A1: 2017	SURGE Generator	F1	F
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to conducted disturbances RF currents from 150 kHz to 230 MHz Voltage level up to 10V	EN IEC 61000-4-6: 2023 IEC 61000-4-6: 2023	Signal disturbance generator Coaxial cable Attenuator EM Clamp Coupling and decupling networks		
Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to magnetic fields Up to 100 A/m	EN 61000-4-8: 2010 IEC 61000-4-8: 2009	Power test generator Induction coil AC power	F1	F

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Electrical	Electromedical equipment, residential, commercial and industrial equipment, information technology, lighting equipment, household appliances, lift, moving walks and escalators	Immunity to dips and voltage variations Immunity to 0%; 40%;70%; 80% voltage dips and variation from 10 ms to 5 s Maximum voltage: 260Vac / 50-60Hz	EN IEC 61000-4-11: 2020/AC: 2020/AC : 2022 IEC 61000-4-11 : 2020/COR1 : 2020	AC power Phase motor driven AC source Power fail generator	F1	F
Electrical	Electrical equipment of machines	18.2 Verification of conditions for protection by automatic disconnection of supply (only 18.3)	EN 60204-1:2018; IEC 60204-1:2016 AMD1:2021	Visual examination	F1	F
Electrical	Luminaires	4. Construction (Only: 4.4.1, 4.4.2, 4.4.3, 4.4.6, 4.4.9, 4.4.10, 4.7.5, 4.8, 4.10.1, 4.11.1, 4.11.2, 4.11.5, 4.14.4, 4.14.5, 4.19, 4.25, 4.27) 5. External and Internal Wiring (Only 5.2.9, 5.2.1, 5.2.18) 7. Provision for Earthing (Only 7.2.10, 7.2.11) 14. Screw Terminals (Only 14.4.3, 15.5.2.2.3, 15.6.3.2.5)	IEC 60598-1:2020; EN IEC 60598-2-20: 2024/A11: 2024	Visual examination	F1	F
Electrical	Luminaires	1.6 Marking 1.12 Protection against Electric shock	IEC 60598-2-1:2020; EN IEC 60598-2-1: 2021	Visual examination	F1	F
Electrical	Luminaires	2.6 Marking 2.12 Protection against Electric shock	IEC 60598-2-2: 2023 EN IEC 60598-2-2: 2024	Visual examination	F1	F
Electrical	Luminaires for road and street Lighting	3.5 Marking 3.6 Construction (only 3.6.4)	IEC 60598-2-3:2002 /AMD1:2011 EN 60598-2-3:2003/ corrigendum:2005/A1:2011	Visual examination	F1	F

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Electrical	Portable General Purpose luminaires	4.6 Marking 4.7 Construction (only 4.7.1, 4.7.2, 4.7.4, 4.7.5, 4.7.7, 4.7.8) 4.11 External and Internal Wiring (only 4.11.4)	IEC 60598-2-4:2017; EN 60598-2-4:2018	Visual examination	F1	F
Electrical	Floodlight luminaires	5.5 Marking	IEC 60598-2-5:2015; EN 60598-2-5: 2015	Visual examination	F1	F
Electrical	Handlamp luminaires	8.6 Marking 8.11 External and Internal wiring (only 8.11.1, 8.11.3, 8.11.5)	IEC 60598-2-8:2013; EN 60598-2-8: 2013;	Visual examination	F1	F
Electrical	Luminaires for stage lighting, television and film studios (outdoor and indoor)	17.6 Marking 17.12 Protection against Electric shock	IEC 60598-2-17:2017; EN IEC 60598-2-17: 2017	Visual examination	F1	F
Electrical	Lighting chain luminaires	20.6 Marking 20 Construction (only 20.7.2)	IEC 60598-2-20: 2022; EN 60598-2-20: 2015/AC:2017;	Visual examination	F1	F
Electrical	Emergency Lighting luminaires	22.6 Marking 22.7 Construction (Only 22.7.1, 22.7.6, 22.7.10, 22.11.1, 22.17.4)	IEC 60598-2-22:2021; EN IEC 60598-2-22: 2022	Visual examination	F1	F

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Electrical	Sanitary tapware – Electronic opening and closing sanitary tapware	7. Marking and instructions (excluded: 7.12.3, 7.14) 22. Construction (only: 22.4, 22.10, 22.14, 22.15, 22.19, 22.21, 22.22, 22.23, 22.25, 22.28, 22.29, 22.33, 22.36, 22.38, 22.39, 22.40, 22.41, 22.44, 22.49, 22.51, 22.52, 22.56, 22.58, 22.60, 22.61) 23. Internal wiring (only: 23.1, 23.7, 23.8, 23.9) 24. Components (only: 24.2) 25. Supply connection and external flexible cords (only: 25.1, 25.5, 25.6, 25.9, 25.11, 25.12, 25.18, 25.19) 26. Terminals for external conductors (only: 26.7, 26.8) 27. Provision for earthing (only: 27.1) 28. Screws and connections (only: 28.2, 28.3) Glow wire test 500 °C to 960 °C Leakage current and touch current Electric Strength Earthing conductor resistance Power/current absorption Climatic Test	EN 15091: 2024 Clause 4.6.2a ; Recoll the following standard : IEC 60335-1:2020; EN IEC 60335-1: 2023/A11: 2023	Visual examination Multimeter Climatic chamber Glow wire chamber	F1	F

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Electrical	Household and Similar Electrical Appliances	7. Marking and instructions (excluded: 7.12.3, 7.14) 22. Construction (only: 22.4, 22.10, 22.14, 22.15, 22.19, 22.21, 22.22, 22.23, 22.25, 22.28, 22.29, 22.33, 22.36, 22.38, 22.39, 22.40, 22.41, 22.44, 22.49, 22.51, 22.52, 22.56, 22.58, 22.60, 22.61) 23. Internal wiring (only: 23.1, 23.7, 23.8, 23.9) 24. Componenets (only: 24.2) 25. Supply connection and external flexible cords (only: 25.1, 25.5, 25.6, 25.9, 25.11, 25.12, 25.18, 25.19) 26. Terminals for external conductors (only: 26.7, 26.8) 27. Provision for earthing (only: 27.1) 28. Screws and connections (only: 28.2, 28.3)	IEC 60335-1:2020/ EN IEC 60335-1: 2023/A11: 2023	Visual examination	F1	F
Electrical	Household and similar electrical appliances - electric irons	7. Marking 22. Construction (only: 22.101, 22.103, 22.107) 24. Components (only: 24.101)	IEC 60335-2-3:2022 EN 60335-2-3:2016/ A1:2020;	Visual examination	F1	F

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Electrical	Household and Similar Electrical Appliances - Stationary cooking ranges, hobs, ovens and similar appliances	7. Marking 22. Construction 24. Components	IEC 60335-2-6: 2024 EN 60335-2-6: 2015/A11: 2020/A1: 2020	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - Appliances for Heating liquids	7.Marking 22. Construction (only: 22.107, 22.112, 22.113, 22.114) 25. Supply connection and external flexible cords (only: 25.22)	IEC 60335-2-15: 2024 EN 60335-2-15:2016 /A11:2018 /A12:2021/A1:2021/A2:2021	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - blankets, pads, clothing and Similar flexible Heating appliances	7. Marking and instructions (only: 7.101) 22. Construction (only: 22.26, 22.101, 22.102, 22.103, 22.105, 22.110, 22.112, 22.113)	IEC 60335-2-17:2022; EN 60335-2-17:2013 /A11:2019 /A1:2020/A2:2021	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - Appliances for skin or hair care	7. Marking 22. Construction (only: 22.103)	IEC 60335-2-23:2016; /AMD1:2019; EN IEC 60335-2-23: 2023/A1: 2023/A11: 2023	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - Room Heaters	7. Marking 22. Construction (only: 22.104, 22.108, 22.109) 24. Components (only: 24.101)	IEC 60335-2-30:2009/ COR1:2014/AMD1:2016/ AMD2:2021; EN 60335-2-30:2009 /A11:2012/AC:2014; /A1:2020/A12:2020;	Visual examination	F1	F

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Electrical	Household and Similar Electrical Appliances - Commercial electric cooking ranges, ovens, hobs and hob elements	7. Marking 22. Construction 24. Components	IEC 60335-2-36: 2021/AMD1: 2025 EN IEC 60335-2-36: 2024/A11: 2024	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - dispensing Appliances and vending Machines	7. Marking and instructions (only: 7.12.101, 7.12.102) 22. Construction (only: 22.104, 22.106, 22.107, 22.108, 22.109, 22.111, 22.113) 23. Internal wiring (only: 23.101) 24. Components (only: 24.101)	IEC 60335-2-75: 2024 EN IEC 60335-2-75: 2023/A1: 2023/A2: 2023/A11: 2023	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - fans	6. Classification (only: 6.101) 22. Construction (only: 22.101, 22.102.3) 24 Components (only: 24.101) 27 Provision for earthing (only:27.3	IEC 60335-2-80: 2024 EN IEC 60335-2-80: 2024	Visual examination	F1	F
Electrical	Household and Similar Electrical Appliances - Appliances having Electrical connections	7. Marking 22. Construction (only: 22.102) 24. Components (only: 24.101)	EN IEC 60335-2-102: 2024/A11: 2024 IEC 60335-2-102:2017	Visual examination	F1	F
Electrical	Household and Similar Electrical appliances multifunctional shower cabinets	7.Marking 22.Construction	IEC 60335-2-105:2016/AMD1:2019; EN IEC 60335-2-105:2021/A1:2021/A11:2021;	Visual examination	F1	F

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Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	5. Marking and documentation (only: 5.1.1, 5.1.2, 5.1.4, 5.1.5, 5.1.6, 5.1.7, 5.4) 6. Protection against electric shock (only: 6.5.2.2, 6.6.3, 6.9.2, 6.9.3, 6.11.3, 6.11.4.1) 7. Protection against mechanical HAZARDS (only: 7.3.2) 9. Protection against the spread of fire (9.6.2, 9.6.3) 11. Protection against HAZARDS from fluids and solid foreign objects (only: 11.5) 12. Protection against radiation, including laser sources, and against sonic and ultrasonic pressure (only: 12.2.2) 14. Components and subassemblies (only: 14.2.2	IEC 61010-1:2010 /AMD1:2016; Clause 6.7.2.2.1; EN 61010-1:2010/A1:2019/AC:2019 ;	Visual examination	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use - Testing and measuring circuits	5. Marking and documentation (only: 5.1.5.101.2, 5.1.5.101.	IEC 61010-2-030:2023; EN IEC 61010-2-030:2021/A11:2021;	Visual examination	F1	F

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Electrical	Medical Electrical Equipment	4. General requirements (only: 4.4, 4.5, 4.6, 4.10.1) 8. Protection against electrical HAZARDS from ME EQUIPMENT (only: 8.3, 8.6.5, 8.6.6, 8.6.7, 8.6.8, 8.11.3.1, 8.11.3.3) 9. Protection against MECHANICAL HAZARDS of ME EQUIPMENT and ME SYSTEMS (only: 9.2.2.4.2) 10. Protection against unwanted and excessive radiation HAZARDS (only: 10.2, 10.5, 10.6, 10.7)	IEC 60601-1:2005/AMD1:2012/AMD2:2020; EN 60601-1:2006/A1:2013/AC:2014/ A12:2014 /A2:2021/A13:2023	Visual examination	F1	F

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Electrical	Medical Electrical Equipment	11. Protection against excessive temperatures and other HAZARDS (only: 11.1.4, 11.2.2.2, 11.2.2.3, 11.5, 11.6.8) 12. Accuracy of controls and instruments and protection against hazardous Outputs 13. HAZARDOUS SITUATIONS and fault conditions for ME EQUIPMENT (only: 13.2.6) 15. Construction of ME EQUIPMENT (only: 15.4.2.2, 15.4.3.2, 15.4.5) 16. ME SYSTEMS (only: 16.3, 16.4, 16.9.2.3) 17. Electromagnetic compatibility of ME EQUIPMENT and ME SYSTEMS	IEC 60601-1:2005/AMD1:2012/AMD2:2020; EN 60601-1:2006/A1:2013/AC:2014/ A12:2014 /A2:2021/A13:2023	Visual examination	F1	F
Electrical	Medical Electrical Equipment	4.2 Usability engineering process for me equipment	IEC 60601-1-6: 2010/AMD1: 2013/AMD2: 2020; EN 60601-1-6: 2010/A1: 2021/A2: 2021	Visual examination	F1	F

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Electrical	Medical Electrical Equipment	6. Classification of ME EQUIPMENT and ME SYSTEM 7. ME EQUIPMENT identification, marking and documents (only: 7.4, 7.5) 10. Constructions of ME EQUIPMENT (only: 10.2, 10.3) 11. Protection against strangulation or asphyxiation 1.1.13 Addiottional requirements for ALARM SYSTEM of ME EQUIPMENT and ME SYSTE (only 13.1)	EIC 60601-1-11: 2015/AMD1: 2020; EN 60601-1-11: 2015/A1: 2021	Visual examination	F1	F
Electrical	Medical Electrical Equipment	201.10.101 Ultrasonic energy 201.12 Accuracy of Controls and instrumentations and protection against hazardous outputs (only: 201.12.1.102)	EN 60601-2-5: 2015; IEC 60601-2-5: 2009	Visual examination	F1	F
Electrical	Audi/video, Information and Communication Technology Equipment	6. Electrically-caused fire (only: 6.5.3) 7. Injury caused by hazardous substances (only: 7.3, 7.4, 7.5) 8. Mechanically-caused injury (only: 8.5.4.2.2.1) Annex F (only: F.2.3, F.3.1, F.3.2, F.3.3.8, F.3.4, F.3.6, F.4) Annex G (only: G.3.4, G.4.3, G.7.2, G.7.3.2.3)	IEC 62368-1: 2023; EN IEC 62368-1: 2024/A11: 2024.	Visual examination	F1	F

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Electrical	LED Modules for General Lighting	6.2 Contents of marking for built-in and for independent LED modules	IEC 62031:2018 EN IEC 62031:2020/A11:2021;	Visual examination	F1	F
Electrical	Lamp Control gear	15.1 Wood, cotton, silk, paper and similar fibrous material	IEC 61347-1: 2024 Clause 11 EN IEC 61347-1: 2024	Visual examination	F1	F
Electrical	Non-metallic Components of Electrical Equipment	Glow wire test 500 °C to 960 °C	EN IEC 60695-2-10:2021; IEC 60695-2-10:2021; EN IEC 60695-2-11:2021; IEC 60695-2-11:2021, EN IEC 60695-2-12: 2021 IEC 60695-2-12:2021	Glow wire chamber	F1	F
Electrical	Household and Similar Electrical Appliances	Glow wire test 500 °C to 960 °C	IEC 60335-1:2020/ISH1: 2021/COR1: 2021, Clause 30.2 and 16.2; EN IEC 60335-1: 2023/A11: 2023	Glow wire chamber	F1	F
Electrical	Medical Electrical Equipment	Glow wire Test	IEC 60601-1:2005/AMD1:2012/AMD2:2020; Clause 11.3; EN 60601-1:2006/A1:2013/AC:2014/ A12:2014 /A2:2021;	Glow wire chamber	F1	F
Electrical	Luminaires	Glow wire Test	IEC 60598-1:2020 Clause 13.3.2; EN IEC 60598-1:2020	Glow wire chamber	F1	F
Electrical	Lamp Control gear	Glow wire Test	IEC 61347-1: 2024 Clause 18.3 EN IEC 61347-1: 2024	Glow wire chamber	F1	F
Electrical	LED Modules for General Lighting	Glow wire Test	IEC 62031: 2018/AMD1: 2021; Clause 17; EN IEC 62031:2020 /A11:2021;	Glow wire chamber	F1	F
Electrical	Electrical Equipment for Measurement, Control, and Laboratory use	Glow wire Test	IEC 61010-1:2010 /AMD1:2016; Clause 9.3.2; EN 61010-1:2010/A1:2019/AC:2019 ;	Glow wire chamber	F1	F

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Electrical	Automatic Electrical Controls	Glow wire Test	IEC 60730-1:2022, Clause 21.2; EN IEC 60730-1: 2024/A11: 2021	Glow wire chamber	F1	F

1. Location of activity:

Location	Location
F	Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:
   F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
   F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
   F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
   F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
   F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
   F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope