

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Flexible Scope of Standards in the Annex to the Accreditation Certificate D-PL-12059-01-03 according to DIN EN ISO/IEC 17025:2018

*The laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard test methods listed here with **different issue dates or revision status updates.**)

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	EN 41003:2008-11 DIN EN 41003: 2009-04 VDE 0804-100:2009-04	Particular safety requirements for equipment to be connected to telecommunication networks and/or a cable distribution system.	*
Product Safety	EN 50332-1::2013 DIN EN 50332-1::2014-08	Sound system equipment: Headphones and earphones associated with portable audio equipment — Maximum sound pressure level measurement methodology and limit considerations — Part 1: General method for "one package equipment"	*
Product Safety	EN 50332-2::2013 DIN EN 50332-2:2004-03	Sound system equipment: Headphones and earphones associated with portable audio equipment — Maximum sound pressure level measurement methodology and limit considerations — Part 2: Matching of sets with headphones if either or both are offered separately.	*
Product Safety	IEC 62852: 2014 + A1: 2020 EN 62852: 2015 + AC:2019 + A1: 2020 DIN EN 62852 (VDE 0126-300): 2015 + A1: 2019	Connectors for photovoltaic systems – Safety requirements and tests.	Replaced by new identical standard
Product Safety	IEC 62852: 2014 + A1: 2020 EN 62852: 2015 + AC:2019 + A1: 2020 DIN EN 62852 (VDE 0126-300): 2015 + A1: 2019	Connectors for photovoltaic systems – Safety requirements and tests.	Replaced by new identical standard

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	EN IEC 62790: 2020 IEC 62790:2020 EN 62790:2015 DIN EN 62790: 2016 DIN EN IEC 62790:2021	Junction boxes for photovoltaic modules.	Replaced by new identical standard *
Product Safety	IEC 60034-1:2017-05 EN 60034-1:2010 + AC:2010 DIN EN 60034-1:2015-02 VDE 0530-1:2015-02	Rotating electrical machines — Part 1: Rating and performance.	Limitation: Maximum rated voltage: 1000 V Maximum electrical rated power: 50 kW.
Product Safety	EN IEC 60034-5: 2020 IEC 60034-5:2020 DIN EN IEC 60034-5:2020	Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification	
Product Safety	IEC 60034-11: 2020 IEC 60034-11: 2004 EN 60034-11: 2004 DIN EN 60034-11: 2005	Rotating electrical machines – Part 11: Thermal protection	
Product Safety	IEC 60065:2014 EN60065:2014 DIN EN 60065:2016-05 VDE 0860:2016-05 AS/NZS 60065	Audio, video and similar electronic apparatus — Safety requirements.	*
Product Safety	IEC 60204-1: 2016+A1:2021 EN 60204-1: 2018 IEC 60204-1:2009 EN 60204-1:2006 + A1:2009 + AC:2010 DIN EN 60204-1:2007-06 + Ber.1:2010-05 + A1:2009-10 VDE 0113-1: 2007-06 IEC 60204-1:2009 EN 60204-1:2006 + A1:2009 + AC:2010	Safety of machinery— electrical equipment of machines — Part 1: General requirements.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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	DIN EN 60204-1:200706 + Ber.1:2010-05 + A1:2009-10 VDE 0113-1: 2007-06		
Product Safety	IEC 60335-1:2020 EN 60335-1:2012 +A15:2021 DIN EN 60335-1:2020-08 VDE 0700-1:2020-08	Household and similar electrical appliances — Safety — Part 1: General requirements.	* Limitation: Excluding clause 19.11.4
Product Safety	IEC 60335-2-2:2019 EN 60335-2-2:2010 + A1:2013 DIN EN 60335-2-2 VDE 0700-2	Household and similar electrical appliances — Safety — Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances.	*
Product Safety	IEC 60335-2-8:2012 + A2:2018 EN 60335-2-8:2015 DIN EN 60335-2-8:2016-08 VDE 0700-8:2016-08	Household and similar electrical appliances — Safety — Part 2-8: Particular requirements for shavers, hair clippers and similar appliances.	*
Product Safety	IEC 60335-2-9:2019 EN 60335-2-9:2003 + A1:2004 + A2:2006 + A12:2007 + A13:2010 DIN EN 60335-2-9 VDE 0700-9	Household and similar electrical appliances — Safety — Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances.	*
Product Safety	IEC 60335-2-13:2009 + A1:2016 EN 60335-2-13:2010 + All. •2012 DIN EN 60335-2-13 VDE 0700-13	Household and similar electrical appliances — Safety — Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60335-2-14:2016+A1:2019 EN 60335-2-14:2006 + A1:2008 + A11:2012 DIN EN 60335-2-14 VDE 0700-14	Household and similar electrical appliances — Safety — Part 2-14: Particular requirements for kitchen machines.	*
Product Safety	IEC 60335-2-15:2012 +A2:2018 EN 60335-2-15:2018 DIN EN 60335-2-15 VDE 0700-15	Household and similar electrical appliances — Safety — Part 2-15: Particular requirements for appliances for heating liquids.	*
Product Safety	IEC 60335-2-23:2016/AMD1 :2019 DIN EN 60335-2-23 VDE 0700-23	Household and similar electrical appliances — Safety — Part 2-23: Particular requirements for appliances for skin or hair care.	*
Product Safety	IEC 60335-2-24:2020 EN 60335-2-24:2010/A11:2020 DIN EN 60335-2-24 VDE 0700-24	Household and similar electrical appliances — Safety — Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers.	*
Product Safety	IEC 60335-2-28:2021 EN 60335-2-28:2003 + A1:2008 DIN EN 60335-2-28 VDE 0700-28	Household and similar electrical appliances — Safety — Part 2-28: Particular requirements for sewing machines.	*
Product Safety	IEC 60335-2-29:2016 + A1:2019 EN 60335-2-29:2004 + A11 :2018 DIN EN 60335-2-29 VDE 0700-29	Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60335-2-30:2009/AMD2:2021EN 60335-2-30:2009 /A1:2020DIN EN 60335-2-30 VDE 0700-30	Household and similar electrical appliances — Safety — Part 2-30: Particular requirements for room heaters.	*
Product Safety	IEC 60335-2-32:2019 EN 60335-2-32:2021DIN EN 60335-2-32:2015-07 VDE 0700-32:2015-07	Household and similar electrical appliances — Safety — Part 2-32: Particular requirements for massage appliances.	*
Product Safety	IEC 60335-2-40:2018 EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 + A2:2009 + A13:2012 DIN EN 60335-2-40 VDE 0700-40	Household and similar electrical appliances — Safety — Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers.	*
Product Safety	IEC 60335-2-44:2021EN 60335-2-44:2002 + A1:2008 + A2:2012 DIN EN 60335-2-44 V DE 0700-44	Household and similar electrical appliances — Safety — Part 2-44: Particular requirements for ironers.	*
Product Safety	IEC 60335-2-45:2002 + A1:2008 + A2:2011 EN 60335-2-45:2002 + A1:2008 + A2:2012 DIN EN 60335-2-45 VDE 0700-45	Household and similar electrical appliances — Safety — Part 2-45: Particular requirements for portable heating tools and similar appliances.	*
Product Safety	IEC 60335-2-55:2021 EN 60335-2-55:2003/A11 :2018DIN EN 60335-2-55 VDE 0700-55	Household and similar electrical appliances — Safety — Part 2-55: Particular requirements for electric appliances for use with aquariums and garden ponds.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60335-2-56:2002 + A1:2008 + A2:2014 EN 60335-2-56:2003 + A1:2008 + A2:2014 DIN EN 60335-2-56 VDE 0700-56	Household and similar electrical appliances — Safety — Part 2-56: Particular requirements for projectors and similar appliances.	*
Product Safety	IEC 60335-2-75:2012 + A2:2018 EN 60335-2-75:2004 + A1:2005 + A11:2006 + A2:2008 + A12:2010 DIN EN 60335-2-75 VDE 0700-75	Household and similar electrical appliances — Safety — Part 2-75: Particular requirements for commercial dispensing appliances and vending machines.	*
Product Safety	IEC 60335-2-80:2015 EN 60335-2-80:2003 + A1:2004 + A2:2009 DIN EN 60335-2-80 VDE 0700-80	Household and similar electrical appliances — Safety — Part 2-80: Particular requirements for fans.	*
Product Safety	IEC 60335-2-82:2017/AMD1 :2020 EN 60335-2-82:2003 /A2 :2020 DIN EN 60335-2-82 VDE 0700-82	Household and similar electrical appliances — Safety — Part 2-82: Particular requirements for amusement machines and personal service machines.	*
Product Safety	IEC 60335-2-84:2019 EN 60335-2-84:2003/A2 :2019 DIN EN 60335-2-84 VDE 0700-84	Household and similar electrical appliances — Safety — Part 2-84: Particular requirements for toilets.	*
Product Safety	IEC 60335-2-85:2002 + A1:2008 + A2:2017 EN 60335-2-85:2003 /A2 :2020 DIN EN 60335-2-85 VDE 0700-85	Household and similar electrical appliances — Safety — Part 2-85: Particular requirements for fabric steamers.	*
Product Safety	IEC 60335-2-89: 2019 EN 60335-2-89: 2010 + A2:2017 DIN EN 60335-2-89 VDE 0700-89	Household and similar electrical appliances — Safety — Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60335-2-102:2017 EN 60335-2-102:2016 DIN EN 60335-2-102 VDE 0700-102	Household and similar electrical appliances — Safety — Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections.	*
Product Safety	IEC 60335-2-106:2021 EN 60335-2-106:2008 DIN EN 60335-2-106 VDE 0700-106	Household and similar electrical appliances — Safety — Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings.	*
Product Safety	IEC 60529:2013-08 EN 60529:1991-10 + A1: 2000-02 DIN EN 60529:2000-09 + A1:2010-04 VDE 0470-1:2000-09 + A1:2010-04	Degrees of protection provided by enclosures (IP code).	*
Product Safety	IEC 60598-1:2020-08 EN 60598-1:2021-03 DIN EN 60598-1:2020-08 VDE 0711-1:2015 + A1:2016	Luminaires — Part 1: General requirements and tests.	*
Product Safety	IEC 60598-2-1:2020-01 EN 60598-2-1:2021-05 DIN EN 60598-2-1:2021-11 VDE 0711-201	Luminaires — Part 2: Particular requirements; Section One: Fixed general purpose luminaires.	*
Product Safety	IEC 60598-2-2:2011 EN 60598-2-2:2012 DIN EN 60598-2-2 VDE 0711-202	Luminaires — Part 2: Particular requirements; Section 2: Recessed luminaires.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60598-2-4:2017-04 EN 60598-2-4:2018-03 DIN EN 60598-2-4 VDE 0711-2-4	Luminaires — Part 2: Particular requirements; Section 4: Portable general purpose luminaires.	*
Product Safety	IEC 60598-2-6:1994 + A1:1996 EN 60598-2-6:1994 + A1:1997 DIN EN 60598-2-6 VDE 0711-206	Luminaires — Part 2: Particular requirements; Section 6: Luminaires with built-in transformers for filament lamps.	*
Product Safety	IEC 60598-2-8:2013-04 EN 60598-2-8:2013-06 DIN EN 60598-2-8 :2014-03 VDE 0711-2-8	Luminaires— Part 2-8: Particular requirements Handlamps.	*
Product Safety	IEC 60598-2-10:2003 EN 60598-2-10:2003 DIN VDE 711-2-10 VDE 0711-2-10	Luminaires — Part 2-10: Particular requirements— Portable luminaires for children.	*
Product Safety	IEC 60598-2-20:2014 EN 60598-2-20:2015 DIN EN 60598-2-20 VDE 0711-2-20	Luminaires — Part 2-20: Particular requirements — Lighting chains.	*
Product Safety	IEC 60601-1:2005 + A1:2012 IEC 60601-1:2005/AMD2 EN 60601-1:2006 + A1:2013 + A11:2011 EN 60601-1:2006/A2:2021 DIN EN 60601-1:2013-12 VDE 0750-1:2013-12	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-1-1:2000 EN 60601-1-1:2001 DIN EN 60601-1-1:2002-08 VDE 0750-1-1:2002-08	Medical electrical equipment — Part 1-1: General requirements for safety — Collateral standard: Safety requirements for medical electrical systems.	*
Product Safety	IEC 60601-1-3:2008 + A1:2013 IEC 60601-1-3:2008/AMD2:2021 EN 60601-1-3:2008 + A1:2013 EN 60601-1-3:2008/A2:2021 DIN EN 60601-1-3:2014-06 VDE 0750-1-3:2014-6	Medical electrical equipment — Part 1-3: General requirements for basic safety and essential performance — Collateral Standard: Radiation protection in diagnostic X-ray equipment.	*
Product Safety	IEC 60601-1-4:1996 + A1:1999 EN 60601-1-4:2001-04 DIN EN 60601-1-4:2001-04 VDE 0750-1-4:2001-04	Medical electrical equipment — Part 1-4: General requirements for safety — Collateral Standard: Programmable electrical medical systems.	*
Product Safety	IEC 60601-1-8:2006 + A1:2012 IEC 60601-1-8:2006/AMD2:2020 EN 60601-1-8:2007 + A1:2013 EN 60601-1-8:2007/A2:2021 DIN EN 60601-1-8:2008-02 + A1:2011-01 VDE 0750-1-8:2008-02 + A1:2011-01 DIN EN 60601-1-8:2021-12 VDE 0750-1-8:2021-12	Medical electrical equipment — Part 1-8: General requirements for basic safety and essential performance — Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-1-9:2007 IEC 60601-1-9:2007/AMD1:2013 IEC 60601-1-9:2007/AMD2:2020 EN 60601-1-9:2008 EN 60601-1-9:2008/A1:2013 EN 60601-1-9:2008/A2:2020 DIN EN 60601-1-9:2021-05 VDE 0750-1-9:2021-05	Medical electrical equipment - Part 1-9: General requirements for basic safety and essential performance - Collateral Standard: Requirements for environmentally conscious design	New Scope extension.
Product Safety	IEC 60601-2-2:2017 EN 60601-2-2:2018 DIN EN 60601-2-2:2010-01 VDE 0750-2-2:2010-01 DIN EN IEC 60601-2-2:2018-12 VDE 0750-2-2:2018-12	Medical electrical equipment — Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories.	*
Product Safety	IEC 60601-2-4:2010 + A1:2018 EN 60601-2-4:2011 EN 60601-2-4:2011/A1:2019 DIN EN 60601-2-4:2012-05 VDE 0750-2-4:2012-05 DIN EN 60601-2-4:2021-09 VDE 0750-2-4:2021-09	Medical electrical equipment — Part 2-4: Particular requirements for basic safety and essential performance of cardiac defibrillators.	*
Product Safety	IEC 60601-2-5:2009 EN 60601-2-5:2015 DIN IEC 60601-2-5:2015 VDE 0750-2-5: 2016-08	Medical electrical equipment — Part 2-5: Particular requirements for basic safety and essential performance of ultrasonic physiotherapy equipment.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-2-7:1998 EN 60601-2-7:1998 DIN EN 60601-27:2000-03 VDE 0750-2-7: 2000-03	Medical electrical equipment — Part 2-7: Particular requirements for the safety of highvoltage generators of diagnostic X-ray generators.	*
Product Safety	IEC 60601-2-10:2012 + A1:2016 EN 60601-2-10:2015 EN 60601-2-10:2015/A1:2016 DIN EN 60601-2-10 VDE 0750-2-10:2017-09	Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators.	*
Product Safety	ISO 80601-2-12:2020 EN 60601-2-12:2006 DIN EN ISO 80601-2-12:2012-02 VDE 0750-2-12:2012-02 DIN EN ISO 80601-2-12 VDE 0750-2-12:2020-07	Medical electrical equipment — Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators	*
Product Safety	IEC 60601-2-16:2018 EN 60601-2-16:2015 DIN EN 60601-216:2016-02 VDE 0750-2-16:2016-02 DIN EN IEC 60601-2-16 VDE 0750-2-16:2020-05	Medical electrical equipment — Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment.	*
Product Safety	EC 60601-2-18:2009 EN 60601-2-18:2015 DIN EN 60601-2-18 VDE 0750-2-18:2016-	Medical electrical equipment — Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment.	*
Product Safety	IEC 60601-2-22:2019 EN 60601-2-22:2013 DIN EN 60601-2-22:2015-08 VDE 0750-2-22:2015-08	Medical electrical equipment — Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-2-24:2012 EN 60601-2-24:2015 DIN EN 60601-2-24:2016-04 VDE 0750-2-24:201604	Medical electrical equipment — Part 2-24: Particular requirements for basic safety and essential performance of infusion pumps and controllers.	*
Product Safety	IEC 60601-2-25:2011 EN 60601-2-25:2015 DIN IEC 60601-225:2016-08 VDE 0750-2-25:201608	Medical electrical equipment — Part 2-25: Particular requirements for basic safety and essential performance of electrocardiographs.	*
Product Safety	IEC 60601-2-27:2011 EN 60601-2-27:2014 DIN EN 60601-2-27 VDE 0750-2-27:2015-04	Medical electrical equipment — Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment.	*
Product Safety	IEC 60601-2-28:2017 EN 60601-2-28:2010 DIN EN 60601-2-28:2010-11 VDE 0750-2-28:2010-11 DIN EN IEC 60601-2-28 VDE 0750-2-28:2020-08	Medical electrical equipment — Part 2-28: Particular requirements for basic safety and essential performance of X-ray tube assemblies for medical diagnosis.	*
Product Safety	IEC 80601-2-30:2018 EN 80601-2-30:2010 EN 80601-2-30:2010/A1:2015 DIN EN 80601-2-30:2011-05 VDE 0750-2-30:2011-05 DIN EN IEC 80601-2-30 VDE 0750-2-30:2020-03	Medical electrical equipment — Part 2-30: Particular requirements for the basic safety and essential performance of automated noninvasive sphygmomanometers.	*
Product Safety	IEC 60601-2-33:2010 + A1:2013 + A2:2015 EN 60601-2-33 + A1:2015 + A2:2015 DIN EN 60601-2-33:2017-11 VDE 0750-2-33:201711	Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-2-34:2011 EN 60601-2-34:2014 DIN IEC 60601-2-34:2008-01 VDE 0750-2-34:2008-01 DIN EN 60601-2-34 VDE 0750-2-34:2015-01	Medical electrical equipment — Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment.	*
Product Safety	EEC 60601-2-37:2007 + A1:2015 EN 60601-2-37:2008 + A11:2011 + A1:2015 DIN EN 60601-2-37:2016-11 VDE 0750-2-37:201611	Medical electrical equipment — Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment.	*
Product Safety	IEC 60601-2-41:2009+A1:2013 EN 60601-2-41 :2009+A11:2011+A1:2015 IEC 60601-2-41:2021	Medical electrical equipment — Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis.	*
Product Safety	IEC 60601-2-43:2010 + A1:2017 IEC 60601-2-43:2010/AMD2:2019 DIN EN 60601-2-43:2011-03 VDE 0750-2-43:201103	Medical electrical equipment — Part 2-43: Particular requirements for basic safety and essential performance of X-ray equipment for interventional procedures.	*
Product Safety	IEC 60601-2-44:2009 + A1:2012 + A2:2016 EN 60601-2-44:2009 + A11:2011 + A1:2012 + A2:2016 DIN EN 60601-2-44:2017-03 VDE 0750-2-44:201703	Medical electrical equipment — Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60601-2-45:2011 + A1:2015 EN 60601-2-45:2011 + A1:2015 DIN EN 60601-2-45:2017-01 VDE 0750-2-45:201701	Medical electrical equipment — Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices.	*
Product Safety	IEC 80601-2-49:2018 EN 60601-2-49 :2019 DIN EN IEC 80601-2-49 VDE 0750-2-49:2020-10	Medical electrical equipment — Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors.	*
Product Safety	IEC 60601-2-50:2009 + A1:2016 EN 60601-2-50:2009 + A11:2011+A1:2016 DIN EN 60601-2-50:2010-02 VDE 0750-2-50:2010-02 IEC 60601-2-50:2020	Medical electrical equipment — Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment.	*
Product Safety	IEC 60601-2-52:2009 + A1:2015 EN 60601-2-52:2010 + A1:2015 DIN EN 60601-2-52:2010-12 VDE 0750-2-52:201012	Medical electrical equipment — Part 2-52: Particular requirements for the basic safety and essential performance of medical beds	*
Product Safety	IEC 60601-2-54:2009 + A1:2015 IEC 60601-2-54: 2009 / AMD2:2018 EN 60601-2-54:2009 + A1:2015+A2:2019 DIN EN 60601-2-54:2016-07 VDE 0750-2-54:2016-07	Medical electrical equipment — Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy.	*
Product Safety	IEC 60601-2-63:2012 + A1:2017 IEC 60601-2-63:2012/AMD2:2021	Medical electrical equipment — Part 2-63: Particular requirements for the basic safety and essential performance of dental extraoral X-ray equipment.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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	EN 60601-2-63:2015 EN 60601-2-63:2015/A2:2021 DIN EN 60601-2-63:2016-11 VDE 0750-2-63:2016-11 DIN EN 60601-2-63 VDFE 0750-2-63:2020-09		
Product Safety	IEC 60601-2-65:2012 + A1:2017 IEC 60601-2-65:2012/AMD2:2021 EN 60601-2-65:2013 EN 60601-2-65:2013/A1:2020 EN 60601-2-65:2013/A2:2021 DIN EN 60601-2-65:2016-11 VDE 0750-2-65:2016-11 DIN EN 60601-2-65 VDE 0750-2-65:2021-01	Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment.	*
Product Safety	IEC 80601-2-60:2012 EN 80601-2-60:2015 IEC 80601-2-60:2019 DIN EN IEC 80601-2-60 VDE 0750-2-60:2021-09	Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment	New scope extension
Product Safety	ISO 7494-1:2018	Dentistry-Stationary dental units and dental patient chairs - Part 1: General requirements	New scope extension
Product Safety	ISO 14457:2012	Density-Handpieces and motors	New scope extension
Product Safety	ISO 14457:2017	Density-Handpieces and motors	New scope extension
Product Safety	IEC 60704-1:2010-02 EN 60704-1:2010-03 + A11:2012-11 DIN EN 60704-1:201211 + A11:2013-10	Household and similar electrical appliances — Test code for the determination of airborne acoustical noise — Part 1: General requirements	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Product Safety	IEC 60747-5-1:2002 EN 60747-5-1:2001 + A1:2002 + A2:2002 DIN EN 60747-51:2003-01 VDE 0884-1:2003-01	Discrete semiconductor devices and integrated circuits — Part 5-1: Optoelectronic devices — General.	*
Product Safety	IEC 60747-5-3:2009 EN 60747-5-3:2001 +A1:2002 DIN EN 60747-53:2003-01 VDE 0884-3:2003-01	Discrete semiconductor devices and integrated circuits — Part 5-3: Optoelectronic devices — Measuring methods.	*
Product Safety	EN IEC 60747-5-5 : 2020 IEC 60747-5-5:2007 + A1:2013 EN 60747-5-5:2011 + A1:2015 DIN EN 60747-5-5:2021-10 VDE 0884-5:2021-10	Discrete semiconductor devices and integrated circuits — Part 5-5: Optoelectronic devices — Essential ratings and characteristics.	*
Product Safety	IEC 60825-1:2014 EN 60825-1:2014 DIN EN 60825-1:2015- VDE 0837-1:2015-07	Safety of laser products — Part 1: Equipment classification and requirements.	*
Product Safety	IEC 60838-1:2004 + A1:2008 + A2:2011 EN 60838-1:2004 + A1:2008 + A2:2011 DIN EN 60838-1 VDE 0616-5	Miscellaneous lampholders — Part 1: General requirements and tests.	*
Product Safety	IEC 60838-2-2:2006 EN 60838-2-2:2006 DIN EN 60838-2-2 VDE 0616-6	Miscellaneous lampholders — Part 2-2: Particular requirements — Connectors for LEDmodules.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	IEC 60939-2:2005 + Cor.1:2005 EN 60939-2:2005 DIN EN 60939-2:200605 VDE 0565-3-1:2006-05	Sectional specification — Passive filter units for which safety tests are appropriate — Test methods and general requirements.	*
Product Safety	IEC 60939-3: 2016+ AC:2016 + AC:2018 EN 60939-3: 2015 + AC: 2016 + AC:2018 DIN EN 60939-3: 2016 + AC:23018	Passive filter units for electromagnetic interference suppression – Part 3: Passive filter units for which safety tests are appropriate	New scope extension
Product Safety	IEC 60950-1:2005 + A1:2009 + A2:2013 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 DIN EN 60950-1 VDE 0805-1 AS/NZS 60950.1	Information technology equipment — Safety — Part 1: General requirements.	*
Product Safety	IEC 60950-22:2016 EN 60950-22:2006 DIN EN 60950-22 VDE 0805-22	Information technology equipment — Safety— Part 22: Equipment installed outdoors.	*
Product Safety	IEC 60999-1:1999 EN 60999-1:2000 DIN EN 60999-1 VDE 0609-1:2000-12	Connecting devices — Electrical copper conductors — Safety requirements for screwtype and screwless-type clamping units — Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm ² up to 35 mm ² (included).	*
Product Safety	IEC 61010-1:2010 + A1:2016 EN 61010-1:2010 DIN EN 61010-1 VDE 0411-1	Safety requirements for electrical equipment for measurement, control and laboratory use — Part 1: General requirements.	*
Product Safety	IEC 61010-2-020:2016 DIN EN 61010-2020:2017-12 VDE 0411-2-020:201712	Safety requirements for electrical equipment for measurement, control, and laboratory use	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
		— Part 2-020: Particular requirements for laboratory centrifuges.	
Product Safety	IEC 61010-031:2015 + A1:2018 EN 61010-31: 2015+A1: 2021+A11: 2021 DIN EN 61010-031:2016-07 VDE 0411-031:2016-07	Safety requirements for electrical equipment for measurement, control and laboratory use — Part 031: Safety requirements for handheld probe assemblies for electrical measurement and test.	*
Product Safety	EN IEC 61010-2-32: 2021 IEC 61010-2-032:2012 DIN EN 61010-2-032:2013-07 VDE 0411-2-032:2013-07 IEC 61010-2-032:2019	Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-032: Particular requirements for hand-held and hand manipulated current sensors for electrical test and measurement.	*
Product Safety	IEC 61010-2-081:2001 + A1:2003 'EC 61010-2-081:2015 E DIN EN 61010-2081:2018-05 E VDE 0411-2081:2018-05 IEC 61010-2-081:2019	Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes.	*
Product Safety	IEC 61347-1:2008 + A1:2010 EN 61347-1:2008 + A1:2011 DIN EN 61347-1 VDE 0712-30	Lamp controlgear — Part 1: General and safety requirements.	*
Product Safety	IEC 61347-2-13:2006 EN 61347-2-13:2006 DIN EN 61347-13 VDE 0712-43	Lamp controlgear — Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules.	*
Product Safety	IEC 61439-1: 2020 IEC 61439-1:2011	Low-voltage switchgear and controlgear assemblies — Part 1: General rules.	* Limitation: Only

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
	EN 61439-1:2011 + AC:2013 EN 61439-1: 2021 DIN EN 61439-1:2021-10 VDE 0660-600-1:2021-10		equipment rated up to 400 V and 25 A, without shortcircuit tests, short circuit making and breaking tests and withstand current tests.
Product Safety	61558-1:2009 + Cor.2:2010 + Cor.3:2011 EN 61558-1:2005 + AC:2006 + A1:2009 DIN EN 61558-1:2019-12 VDE 0570-1:2019-12	Safety of power transformers, power supplies, reactors and similar products — Part 1: General requirements and tests.	* Limitation: Excluding Annex K.
Product Safety	IEC 61558-2-1: 2021 IEC 61558-2-1:2007 EN 61558-2-1:2007 DIN EN 61558-2-1:2007-11 VDE 0570-2-1:2007-11	Safety of power transformers, power supplies, reactors and similar products — Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications.	*
Product Safety	IEC 61558-2-2:2007 EN 61558-2-2:2007 DIN EN 61558-22:2007-11 VDE 0570-2-2:2007-11	Safety of power transformers, power supplies, reactors and similar products — Part 2-2: Particular requirements and tests for control transformers and power supplies incorporating control transformers.	*
Product Safety	IEC 61558-2-4: 2021 IEC 61558-2-4:2007 EN 61558-2-4:2009 DIN EN 61558-2-4:2009-12 VDE 0570-2-4:2009-12	Safety of power transformers, power supply units and similar— Part 2-4: Particular requirements for isolating transformers for general use.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	IEC 61558-2-6: 2021 IEC 61558-2-6:2009 EN 61558-2-6:2009 DIN EN 61558-2-6:2010-04 VDE 0570-2-6:2010-04	Safety of power transformers, power supply units and similar — Part 2-6: Particular requirements for safety isolating transformers for general use.	*
Product Safety	IEC 61558-2-7:2007 EN 61558-2-7:2007 DIN EN 61558-27:2008-06 VDE 0570-2-7:2008-06	Safety of power transformers, power supplies, reactors and similar products — Part 2-7: Particular requirements and tests for transformers and power supplies for toys.	*
Product Safety	IEC 61558-2-16: 2021 IEC 61558-2-16:2009 EN 61558-2-16: 2009+A1:2013 DIN EN 61558-2-16:2014-06 VDE 0570-2-16: 2014-06	Safety of power transformers, power supply units and similar — Part 2-16: Particular requirements for safety isolating transformers for switch mode power supplies.	*
Product Safety	IEC 61800-5-1: 2007 + A1: 2016 IEC 61800-5-1: 2022 EN 61800-5-1: 2007+A1: 2017 + A11:2021 DIN EN 61800-5-1: 2017	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy	New scope extension Limitation: Up to and including system voltages of 1000 V.
Product Safety	EN IEC 61851-1: 2019 IEC 61851-1:2017 DIN EN IEC 61851-1:2019 EN 61851-1:2011 DIN EN 61851-1:2012-01 VDE 0122-1:2019-12	Electrical vehicle conductive charging system — Part 1: General requirements.	*
Product Safety	EN IEC 61851-21-1: 2017 EN IEC 61851-21-2:2021 IEC 61851-21-1: 2017 IEC 61851-21-2:2018 DIN EN 61851-21-1:2018-04 DIN EN 61851-21-2: 2021-11	Electrical equipment of electric road vehicles — Electric vehicles conductive charging system Part 2-1: Electric vehicle requirements for conductive connection to an a.c./d.c. supply.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
	VDE 0122-21-1:2018-04 VDE 0122-21-2:2021-11		
Product Safety	IEC 61851-22:2002 EN 61851-22:2002 DIN EN 61851-22:2002-10 VDE 0121-2-2:2002-10	Electrical equipment of electric road vehicles — Electric vehicles conductive charging system — Part 2-2: AC electric vehicle charging station.	*
Product Safety	IEC 62031:2008 EN 62031:2008 DIN EN 62031:2009 VDE 0715-5:2009	LED modules for general lighting — Safety specifications.	*
Product Safety	IEC 62040-1:2017 + A1:2021 EN 62040-1:2008 + A1:2013 EN IEC 62040-1:2019 + A11: 2021 DIN EN IEC 62040-1:2020 + A11: 2021	Uninterruptible Power Systems (UPS) - Part 1: General and safety requirements for UPS.	* Limitation. Maximum power is 20 kVA.
Product Safety	IEC 62087:2011-04 EN 62087:2012-04 DIN EN 62087:2013-08	Methods of measurement for the power consumption of audio, video and related equipment.	*
Product Safety	EN 50178:1997 DIN EN 50178 VDE 0160:1998-04	Electronic equipment for use in power installations.	* Limitation: Excluding equipment with rated voltages in excess of 1000 V.

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	IEC 62109-1:2010 EN 61109-1:2010 DIN EN 62109-1:2011-04 VDE 0126-14-1:2011-04	Safety of power converters for use in photovoltaic power systems — Part 1: General requirements.	*
Product Safety	IEC 62109-2:2010 EN 62109-2:2011 DIN EN 62109-2:2012- VDE 0126-14-2:201204	Safety of power converters for use in photovoltaic power systems — Part 2: Particular requirements for inverters.	*
Product Safety	IEC 62196-1:2014 EN 62196-1:2014 DIN EN 62196-1 :2014 VDE 0623-5-1:2015	Plug, socket-outlets, vehicle couplers and vehicle inlets — Conductive charging of electrical vehicles — Part 1: Charging of electrical vehicles up to 250 A a.c. or 400 A d.c.	* Limitation: The conditional short circuit current test according to clause 31 is limited to 10 kA.
Product Safety	IEC 62262:2002+ AMD1:2021 EN 62262:2002 EN 62262:2002/ A1:2021	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	New scope extension
Product Safety	IEC 62301: 2011-01	Household electrical appliances — Measurement of standby power.	*
Product Safety	IEC 62304: 2006+A1:2015 EN 62304: 2006+A1:2015	Medical devices software- Software life cycle processes.	*
Product Safety	IEC 62366:2007 EN 62366:2008 DIN EN 62366:2008 VDE 0750-241	Medical devices — Application of usability engineering to medical devices.	*
Product Safety	IEC 62366-1:2015 EN 62366-1:2015 IEC 62366-1:2015/AMD1:2020	Medical devices — Part 1: Application of usability engineering to medical devices.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	IEC 62368-1:2018EN 62368-1:2020+A11:2020DIN EN 62368-1 VDE 0868-1	IEC 62368-1: Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements.	*
Product Safety	IEC 62384:2020 EN 62384:2020 DIN EN 62384 VDE 0712-26	DC or AC supplied electronic control gear for LED modules — Performance requirements.	*
Product Safety	IEC 62471:2006-07 EN 62471:2008 DIN EN 62471:2009-03 VDE 0837-471:2009	Photobiological safety of lamps and lamp systems.	*
Product Safety	IEC 62471-5:2015 EN 62471-5:2015 DIN EN 62471-5:201702 VDE 0837-471-5:201702	Photobiological safety of lamps and lamp systems — Part 5: Image projectors.	*
Product Safety	IEC 62477-1: 2012+A1:2016 IEC 62477-1: 2022 EN 62477-1: 2012 + A11: 2014 + A1: 2017 + A12: 2021 DIN EN 62477-1:2017 VDE 0558-477-1:2017	Safety requirements for power electronic converter systems and equipment — Part 1: General.	* Limitation: Maximum rated voltage: 1000 V Maximum electrical rated power: 50 kW. Excluding the high current arcing ignition test acc. To cl.

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Product Safety	IEC 62560:2010 EN 62560:2012 DIN EN 62560:2013-11 VDE 0715-13:2013-11	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications.	*
Product Safety	ISO 4892-1:1999-07 EN ISO 4892-1:2000-09 DIN EN ISO 48921:2001-09	Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance.	*
Product Safety	ISO 4892-2:2013-03 EN ISO 4892-1:2013-03 DIN EN ISO 48922:2013-06	Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps.	*
Product Safety	ISO 7779:2018-11 EN ISO 7779:2018-12 DIN EN ISO 7779:2019-04	Acoustics — Measurement of airborne noise emitted by information technology and telecommunications equipment.	*
Environmental Testing	IEC 60068-2-1:2007-03 EN 60068-2-1:2007-04 DIN EN 60068-2-1:2008-01 VDE 0468-2-1:2008-01	Environmental testing — Part 2-1: Tests — Test A: Cold.	*
Environmental Testing	IEC 60068-2-2:2007-07 EN 60068-2-2:2007-09 DIN EN 60068-2-2:2008-05 VDE 0468-2-2:2008-05	Environmental testing — Part 2-2: Tests Test B: Dry heat.	*
Environmental Testing	IEC 60068-2-6:2007-12 EN 60068-2-6:2008-02 DIN EN 60068-2-6:2008-10 VDE 0468-2-6:2008-10	Environmental testing — Part 2-6: Tests — Test Fc: Vibration (sinusoidal).	*
Environmental Testing	IEC 60068-2-11:2021-03 EN 60068-2-11:2021-04 DIN EN 60068-2-11:2020-09	Environmental testing — Part 2: Tests — Test Ka: Salt mist.	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

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Environmental Testing	IEC 60068-2-14:2009-01 EN 60068-2-14:2009- DIN EN 60068-214:2010-04	Environmental testing — Part 2: Tests - test N: Change of temperature.	*
Environmental Testing	IEC 60068-2-27:200802 EN 60068-2-27:200905 DIN EN 60068-227:2010-02	Basic environmental testing procedures — Part 2: Tests — test Ea and guidance: Shock.	* Limitation: Shock duration between 2 ms and 11 ms.
Environmental Testing	IEC 60068-2-30:2005-08 EN 60068-2-30:2005-12 DIN EN 60068-2-30:2006-06	Environmental testing — Part 2-30: Tests — Test Db: Damp heat, cyclic (12 h + 12 h cycle).	*
Environmental Testing	IEC 60068-2-31: 2008-05 EN 60068-2-31: 200809 DIN EN 60068-2-31:2009-04	Environmental testing - Part 2-31: Tests Test Ec: Rough handling shocks, primarily for equipment-type specimens	*
Environmental Testing	IEC 60068-2-52:2017-11 EN 60068-2-52:2018-02 DIN EN 60068-2-52:2018-02	Environmental testing — Part 2: Tests — Test Kb: Salt mist, cyclic (sodium chloride solution).	*
Environmental Testing	IEC 60068-2-64:2008 +A1:2019-10 EN 60068-2-64:2008+A1:2019-11 DIN EN 60068-2-64:2020 VDE 0468-2-64:2009-04	Environmental testing — Part 2-64: Tests — Test Fh: Vibration, broadband random and guidance.	* Limitation: Frequency range from 5 Hz to 3 kHz.

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Low Voltage	EN IEC 60947-1: 2021 IEC 60947-1: 2020 EN 60947-1:2007 + A1:2011 DIN EN 60947-1:2015 + Corr VDE 0660-100:2015 + Corr	Low-voltage switchgear and controlgear — Part 1: General rules.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.
Low Voltage	IEC 60947-2:2016 + AC:2016 + A1:2019 EN 60947-2: 2017+ A1:2020 DIN EN 60947-2:2020 VDE 0660-101:2020	Low-voltage switchgear and controlgear — Part 2: Circuit-breakers.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.
Low Voltage	EN IEC 60947-4-1: 2019 IEC 60947-4-1:2018 EN 60947-4-1:2010 + A1:2012 DIN EN IEC 60947-4-1:2020 DIN EN 60947-4-1:2014-02 VDE 0660-102:2020-05	Low-voltage switchgear and controlgear — Part 4-2: Contactors and motor-starters — AC semiconductor motor controllers and starters.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Low Voltage	IEC 60947-4-2: 2020 EN 60947-4-2:2012 DIN EN 60947-4-2:2018 VDE 0660-117:2018	Low-voltage switchgear and controlgear — Part 4-2: Contactors and motor-starters — AC semiconductor motor controllers and starters.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.
Low Voltage	IEC 60947-4-3: 2020 EN 60947-4-3:2014 DIN EN 60947-4-3:2015 VDE 0660-109:2015	Low-voltage switchgear and controlgear — Part 4-3: Contactors and motor-starters — AC semiconductor controllers and contactors for non-motor loads.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests, short circuit making and breaking tests and withstand current tests.
Low Voltage	IEC 60947-5-1: 2016 EN 60947-5-1: 2017 DIN EN 60947-5-1:2018-03 VDE 0660-200:2018-03	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices	Newly added * Limitation: Only equipment rated up to 400 V and 25 A, without short-circuit tests and short circuit making and breaking tests.

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Low Voltage	IEC 60947-5-5: 1997 + A1: 2005 + A2:2016 EN 60947-5-5:1997 + A1:2005 + A11:2013 + A2:2017 DIN EN 60947-55:2017-08 VDE 0660-210:2017-08	Low-voltage switchgear and controlgear — Part 5-5: Control circuit devices and switching elements — Electrical emergency stop device with mechanical latching function.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.
Low Voltage	EN IEC 60947-5-8: 2021 IEC 60947-5-8:2006 EN 60947-5-8:2006 DIN EN 60947-5-8:2021 VDE 0660-215:2021	Low-voltage switchgear and controlgear — Part 5-8: Control circuit devices and switching elements — Three-position enabling switches.	* Limitation: Only equipment rated up to 400 V and 25 A, without shortcircuit tests and short circuit making and breaking tests.
Low Voltage	IEC 60947-7-1:2009 EN 60947-7-1:2009 DIN EN 60947-71:2010-03 VDE 0611-1:2010-03	Low-voltage switchgear and controlgear — Part 7-1: Ancillary equipment — Terminal blocks for copper conductors.	*
Low Voltage	IEC 60947-7-2:2009 EN 60947-7-2:2009 DIN EN 60947-72:2010-03 VDE 0611-3:2010-03	Low-voltage switchgear and controlgear — Part 7-2: Ancillary equipment — Protective conductor terminal blocks for copper conductors.	*
Telecommunication	EN 301 437 June 1999	Terminal Equipment (TE); Attachment requirements for pan-European approval for connection to the analogue Public Switched Telephone Networks (PSTNs) of TE supporting the voice telephony service in which network addressing, if	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
		provided, is by means of Dual Tone Multi Frequency (DTMF) signalling.	
Telecommunication	ETSI EG 201 120 January 1998	Public Switched Telephone Network (PST N); Method of rating terminal equipment so that it can be connected in series and/or in parallel to a Network Termination Point (NTP).	*
Telecommunication	AS/CA 902:2015 February 2015	Analogue interworking and non-interference requirements for Customer Equipment for connection to the Public Switched Telephone Network.	*
Telecommunication	AS/ACIF S004 : 2008 October 2008	Voice frequency performance requirements for Customer Equipment.	*
Telecommunication	TIA-968-B August 2009 + Addendum 1 June 2012+ Addendum 2 January 2015+ Addendum 3 March 2016	Telecommunications Telephone Terminal Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network	*
Telecommunication	CS-03 Part I Issue 9, Amendment 4 December 2010	Requirements for Terminal Equipment and Related Access Arrangement Intended for Direct Connection to Analogue Wireline Facilities.	*
Telecommunication	CS-03 Part V Issue 9, Amendment 1 January 2009	Requirements and Testmethods for Magnetic Output from Handset Telephones for Hearing Aid Coupling and for Receive Volume Control.	*
Telecommunication	ETSI ES 201 729 February 2000	Public Switched Telephone Network (PST N); 2-wire analogue voice band switched interfaces; Timed break recall (register recall); Specific requirements for terminals	*

Yokohama Laboratories Flexible Scope Under the DAkkS Accreditation



Date 2023-02-23

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Telecommunication	IMDA TS PSTN Issue 1, October 2016	Technical Specification for Terminal Equipment connecting to the Public Switched Telephone Network (PSTN)	*
Telecommunication	HKTA 2011 May 2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network (PST N) in Hong Kong.	*
Telecommunication	IEEE 802.15.4:2003	Low-Rate Wireless Personal Area Networks (LR-WPANS)	* For testing ZigBee devices
Telecommunication	IEEE 802.15.4.●2006	Low-Rate Wireless Personal Area Networks (LR-WPANS)	For testing ZigBee devices
Telecommunication	IEEE 802.15.4: 2011	Low-Rate Wireless Personal Area Networks (LR-WPANS)	For testing ZigBee devices
Telecommunication	IEEE 802.15.4g:2012	Low-Rate Wireless Personal Area Networks (LR-WPANS) Amendment 3: Physical Layer (PHY) Specifications for Low-Data-Rate, Wireless, Smart Metering Utility Networks	* For testing ZigBee and Wi-SUN devices