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CERTIFICATE OF ACCREDITATION

This is to attest

BAY AREA COMPLIANCE LABORATORIES CORP.(SHENZHEN)

5F(B-WEST), 6F, 7F, THE 3RD PHASE OF WAN LI INDUSTRIAL BUILDING D
SHIHUA RD, FUTIAN FREE TRADEZONE
SHENZHEN, GUANGDONG, 518038, CHINA

Testing Laboratory TL-1461

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date June 25, 2026



International Accreditation Service

Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

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<https://www.baclcorp.com.cn>

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Accredited to ISO/IEC 17025:2017

Effective Date June 25, 2026

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Product Radio Frequency	Medical Devices	Electromagnetic immunity to radiated RF emissions from RF transmitters	ANSI C63.18-2014 American National Standard for Evaluation of Wireless Coexistence
		Wireless coexistence performance	ANSI C63.27-2021 American National Standard Recommended Practice for an On-Site, Ad Hoc Test Method for Estimating Electromagnetic Immunity of Medical Devices to Radiated Radio-Frequency (RF) Emissions from RF Transmitters
	Emergency communications from mobile devices	Caller location performance in emergency communications	ETSI TS 103 625 V1.3.1 (2023-03) Commission Delegated Regulation (EU) 2019/320
	Global Navigation Satellite System (GNSS) receivers	RF performance and spectrum access characteristics	ETSI EN 303 413 V1.2.1 (2021-04) Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard for access to radio spectrum
	GNSS based location systems	Performance requirements	ETSI TS 103 246-3 V1.3.1 (2020-10) Satellite Earth Stations and Systems (SES); GNSS based location systems; Part 3: Performance requirements

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Product Radio Frequency (cont'd.)	GNSS based location systems (cont'd.)	Performance test specifications	ETSI TS 103 246-5 V1.3.1 (2020-10) Satellite Earth Stations and Systems (SES); GNSS based location systems; Part 5: Performance Test Specification
	Emergency Communications Device	Advanced mobile location performance	ETSI TS 103 625 V1.3.1 (2023-03)
	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC)	LTE UE special conformance testing functions	ETSI TS 136 509 V17.4.0 (2023-10) LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE)
	Information technology device	Localization and tracking system performance	ISO/IEC 18305:2016
	Motor vehicle Emergency Calls	eCall technical performance requirements	SASO 2944:2023 Motor vehicle – Technical Requirements for Emergency Calls “eCall”
Product Electro Magnetic Capability (EMC)	Electrical & Electronic Equipment	EMC testing methodology overview	IEC TR 61000-4-1:2016 Electromagnetic compatibility (EMC) – Part 4-1: Testing and measurement techniques – Overview of the IEC 61000-4 series
		Ring wave immunity	IEC 61000-4-12:2017 Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement techniques – Ring wave immunity test
		Immunity to conducted differential mode disturbances and signalling at AC power ports	IEC 61000-4-19:2014 Electromagnetic compatibility (EMC) – Part 4-19: Testing and measurement techniques – Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports
	Electrical & Electronic Equipment Used in	Generic EMC immunity for industrial environments	IEC 61000-6-2:2016 Electromagnetic compatibility (EMC) – Part 6-2: Generic

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Product Electro Magnetic Capability (EMC) (cont'd.)	industrial environments		standards – Immunity standard for industrial environments
	Safety-related system (functional safety) in industrial locations	Functional safety immunity requirements in industrial environments safety-related system (functional safety) in industrial locations	IEC 61000-6-7:2014 Electromagnetic compatibility (EMC) – Part 6-7: Generic standards – Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations
	Functional safety of electrical and electronic systems	Methodology for achieving functional safety with regard to electromagnetic phenomena	IEC 61000-1-2:2016 Electromagnetic compatibility (EMC) – Part 1-2: General – Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena
	PDS and machine tools	EMC requirements and specific test methods for power drive systems and machine tools	IEC 61800-3:2022 Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods for PDS and machine tools
	Safety-related systems and equipment intended to perform safety-related functions (functional safety)	Immunity requirements for functional safety equipment in general industrial applications	IEC 61326-3-1:2017 Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications
Product Accessibility	ICT products and services	Accessibility requirements for ICT products and services	EN 301 549 V3.2.1 (2021-03) Accessibility requirements for ICT products and services
		Accessibility clauses and included requirements as listed in the scope	EN 301 549 V3.2.1 (2021-03) Inclusion : 5.1.3.1, 5.1.3.2, 5.1.3.4, 5.1.3.5, 5.1.3.6, 5.1.3.8, 5.1.3.10, 5.1.3.11, 5.1.3.12, 5.1.3.13, 5.1.3.14, 5.1.4, 5.2, 5.5.2, 5.9, 7.1.1,

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Product Accessibility (cont'd.)	ICT products and services (cont'd.)	Accessibility clauses and included requirements as listed in the scope (cont'd.)	7.1.3, 7.1.4, 7.1.5, 7.2.1, 7.2.2, 7.3, 8.1.2, 8.1.3, 8.3.2.1, 8.3.2.2, 8.3.5, 8.4.1, 8.5, 11.1.1.1.1, 11.1.3.1.1, 11.1.3.2.1, 11.1.3.3, 11.1.3.4, 11.1.4.1, 11.1.4.2, 11.1.4.3, 11.1.4.4.1, 11.1.4.5.1, 11.1.4.11, 11.2.2.1, 11.2.3.1, 11.2.4.6, 11.2.4.7, 11.2.5.1, 11.2.5.2, 11.2.5.3.1, 11.3.1.1.1, 11.3.2.1, 11.3.2.2, 12.1.1, 12.1.2
Product Cyber Security	Internet connected radio equipment	Common cyber security requirements for internet-connected radio equipment	EN 18031-1:2024 Common security requirements for radio equipment - Part 1: Internet connected radio equipment
	Radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment	Common cyber security requirements for data-processing radio equipment	EN 18031-2:2024 Common security requirements for radio equipment - Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment
	Internet connected radio equipment processing virtual money or monetary value	Common cyber security requirements for radio equipment handling monetary value	EN 18031-3:2024 Common security requirements for radio equipment - Part 3: Internet connected radio equipment processing virtual money or monetary value
	Industrial communication network	Network and system security requirements and security levels	IEC 62443-3-3:2013 Industrial communication networks - Network and system security - Part 3-3: System security
	Industrial automation and control systems	Technical security requirements for IACS components	IEC 62443-4-2:2019 Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components
Product Safety	Laser products	Laser product classification and safety requirements	CAN/CSA-E60825-1:15

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Product Safety (cont'd.)	Laser products (cont'd.)		Safety of laser products - Part 1: Equipment classification and requirements
		FDA performance requirements for laser products.	21 CFR Part 1040.10 FDA Performance Standards for Light-Emitting Products for Laser products.
		FDA performance requirements for specific-purpose laser products	21 CFR Part 1040.11 FDA Performance Standards for Light-Emitting Products for Specific purpose laser products.
	Electric toys	Electrical safety of toys	IEC 62115:2017+AMD1:2025
	Button/Coin Batteries	Product safety requirements for products containing button/coin batteries	Consumer Goods (Products Containing Button/Coin Batteries) Safety Standard 2020-Part 2: Division 1-Section 7; Division 2-Section 8,9,10,11; Division 3-Section 12,13,14,15; Division 4-Section 16,17
	Electromechanical components for electronic equipment	Sealing performance under impacting water	IEC 60512-14-7:1997 Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 14: Sealing tests - Section 7: Test 14g: Impacting water
	Low-voltage supply systems	Insulation coordination principles, requirements, and tests	IEC 60664-1:2020+A1:2025 Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests
	Electricity metering equipment	Product safety requirements and tests	IEC 62052-31:2024 Electricity metering equipment - General requirements, tests and test conditions - Part 31: Product safety requirements and tests Exclusion clause 6.9,10.5.2 & annex E
Explosive atmospheres	Explosion prevention and protection design requirements	EN 1127-1:2019 Explosive atmospheres - Explosion prevention and protection - Part 1: Basic	

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Product Safety (cont'd.)			concepts, methodology and design
	Safety of machinery	Risk assessment and risk reduction	EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction
		Safety-related parts of control systems	EN ISO 13849-1:2023 Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design
		Electrical equipment of machines, general	EN 60204-1:2018+A1:2025 Safety of machinery - Electrical equipment of machines - Part 1: General requirements
		Laser safety requirements for laser processing machines	EN ISO 11553-1:2020+A11:2020 Safety of machinery - Laser processing machines - Part 1: Laser safety requirements
		Safety distances to prevent reaching hazard zones	EN ISO 13857:2019 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
		Minimum gaps to avoid crushing of body parts	EN 349:1993+A1:2008 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body
		Fire prevention and fire protection	EN ISO 19353:2019 Safety of machinery - Fire prevention and fire protection
		Reduction of health risks from hazardous substances emitted by machinery	EN ISO 14123-1:2015 Safety of machinery — Reduction of risks to health from hazardous substances emitted by machinery
		Reduction of health risks from hazardous substances emitted by machinery, Part 2	EN ISO 14123-2:2015 Safety of machinery — Reduction of risks to health from hazardous substances emitted by machinery
Consumer Goods	Information requirements for products containing button/coin batter	Consumer Goods (Products Containing Button/Coin Batteries) Information Standard 2020-Part 2-Section 7, Section	

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Product Safety (cont'd.)	Consumer Goods (cont'd.)		8, Section 9, Section 10, Part 3-Section 12, Section 13, Section 14, Section 15, Section 16
		Safety requirements for button/coin batteries	Consumer Goods (Button/Coin Batteries) Safety Standard 2020-Part 2-Section6, Section7, Section78, Section9
		Information requirements for button/coin batteries	Consumer Goods (Button/Coin Batteries) Information Standard 2020 -Part 2-Section 8, Section 9, Section 10, Section 11, Part 3- Section12, Section13, Section14, Section15, Section16
	Electric toys	Electrical safety of toys	EN IEC 62115:2020+A11:2020
	Safety of machinery	Machinery safety and regulatory compliance requirements	Regulation (EU) 2023/1230-Annex I, Annex II, Annex III
Chemical & Physics - Baby and children's products	Toys	Toy safety requirements	16 CFR part 1250 (Section 1250.1,1250.2,1250.4)
		Standard Consumer Safety Specification for Toy Safety	ASTM F963-23(Section Inclusion: 4.1, 4.2, 4.3 , 4.3.5.1(2), 4.3.5.2, 4.3.7, 4.4, 4.5, 4.6,4.7, 4.8,4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.20.1, 4.20.2 ,4.21, 4.22, 4.23, 4.23.1, 4.24,4.25,4.26,4.27,4.28,4.29,4.30,4.31,4.32,4.33,4.34,4.35,4.36,4.37,4.38,4.39,4.40,4.41,5,6 ,7,8.1,8.2,8.3,8.5,8.6,8.7,8.8,8.9,8.10,8.11,8.12,8.13,8.14,8.15 ,8.16,8.17,8.18,8.19,8.20,8.21, 8.22,8.23,8.24,8.25,8.26,8.27,8.28,8.29,8.30,Annex A5,Annex A6)
	Pacifiers	Safety requirements for pacifiers	16 CFR part 1511
Physics-Baby and children's products	Booster seats	Safety requirements for booster seats	16 CFR part 1237
	Baby changing products	Safety requirements for baby changing products	16 CFR part 1235
	Bassinets and cradles	Safety requirements for bassinets and cradles	16 CFR part 1218

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Physics -Baby and children's products (cont'd.)	Bedside sleepers	Safety requirements for bedside sleepers	16 CFR part 1222
	Clacker balls	Hazard requirements for clacker balls	16 CFR § 1500.86(a)(5)
	Bunk beds for children	Safety requirements for bunk beds	16 CFR part 1513
	Clothing storage units	Safety requirements for clothing storage units	16 CFR part 1261
	Carpets and rugs	Surface flammability	16 CFR part 1630
	Carriages and strollers	Safety requirements for carriages and strollers	16 CFR part 1227
	Children's folding chairs and stools	Safety requirements for folding chairs and stools	16 CFR part 1232
	Electrically operated toys or articles	Safety requirements for electrically operated toys and articles for children	16 CFR part 1505
	Frame child carriers	Safety requirements for frame child carriers	16 CFR part 1230
	Full-size cribs	Safety requirements for full-size baby cribs	16 CFR part 1219
	Gates and enclosures	Safety requirements for gates and enclosures	16 CFR part 1239
	Crib mattresses	Safety requirements for crib mattresses	16 CFR part 1241
	Dive sticks and similar articles	Hazard requirements for dive sticks and similar articles	16 CFR 1500.86(a)(7)/16 CFR 1500.86(a)(8)
	High chairs	Safety requirements for high chairs	16 CFR part 1231
	Infant bath seats	Safety requirements for infant bath seats	16 CFR part 1215
	Infant bath tubs	Safety requirements for infant bath tubs	16 CFR part 1234
	Infant bouncer seats	Safety requirements for infant bouncer seats	16 CFR part 1229
	Infant sleep products	Safety requirements for infant sleep products	16 CFR part 1236
	Infant support cushions	Safety requirements for infant support cushions	16 CFR part 1243
	Infant swings	Safety requirements for infant and cradle swings	16 CFR part 1223

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Physics-Baby and children's products (cont'd.)	Infant walkers	Safety requirements for infant walkers	16 CFR part 1216
	Magnets	Safety requirements for magnets	16 CFR part 1262
	Mattresses and mattress pads	Flammability of mattresses and mattress pads	16 CFR part 1632
	Mattresses and mattress sets	Open-flame flammability of mattress sets	16 CFR part 1633
	Non-full-size cribs	Safety requirements for non-full-size baby cribs	16 CFR part 1220
	Nursing pillows	Safety requirements for nursing pillows	16 CFR part 1242
	Play yards	Safety requirements for play yards	16 CFR part 1221
	Portable bedrails	Safety requirements for portable bed rails	16 CFR part 1224
	Portable hook-on chairs	Safety requirements for portable hook-on chairs	16 CFR part 1233
	Sling carriers	Safety requirements for sling carriers	16 CFR part 1228
	Small carpets and rugs	Surface flammability of small carpets and rugs	16 CFR part 1631
	Soft infant and toddler carriers	Safety requirements for soft infant and toddler carriers	16 CFR part 1226
	Stationary activity centers	Safety requirements for stationary activity centers	16 CFR part 1238
	Toddler beds	Safety requirements for toddler beds	16 CFR part 1217
	Toy, look-alike, and imitation firearms	Marking requirements	16 CFR part 1272
	Custom window coverings with operating cords	Safety requirements for operating cords	16 CFR part 1260
Vinyl plastic film	Flammability of vinyl plastic film	16 CFR part 1611	
Chemical	Textiles, Leathers, including coated and garment components	Acetophenones and 2-phenyl-2-propanol	WI-CH-1001 Determination of Acetophenones and 2-Phenyl-2-Propanol
		Bisphenols	WI-CH-1001 Determination of Bisphenols
		Cyclosiloxanes	WI-CH-1001

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Chemical (cont'd.)	Textiles, Leathers, including coated and garment components (cont'd.)		Determination of Cyclosiloxanes
		Monomers - styrene	WI-CH-1001 Determination of Monomers - Styrene
		Volatile organic compounds	WI-CH-1001 Determination of Volatile Organic Compounds in Adhesives
		Pesticides	WI-CH-1001 Determination of Pesticides
		Fluorinated greenhouse gases	WI-CH-1001 Determination of Fluorinated Greenhouse Gases
		Ozone depleting substances	WI-CH-1001 Determination of Ozone Depleting Substances

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