



CERTIFICATE OF ACCREDITATION

This is to attest that

BTST TESTING (DONGGUAN) CO.,LTD.

1F, BANGYING BUILDING, FUMA, CHIGANG COMMUNITY, HUMEN TOWN
DONGGUAN, GUA, 523900, CHINA

Testing Laboratory TL-1239

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 March 29, 2024



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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BTST TESTING (DONGGUAN) CO.,LTD.

Contact Name Andy Zheng

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Accredited to ISO/IEC 17025:2017

Effective Date March 29, 2024

Chemical	
16 CFR Part 1303	Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint
16 CFR Part 1307	Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates
ABNT NBR NM 300-3	Safety of toys – Part 3: Migration of certain elements
AS/NZS ISO 8124.3	Safety of toys – Part 3: Migration of certain elements
ASTM F963-17	Section 4.3.5.1(2): Surface Coating Materials – Soluble Test for Metals
ASTM F963-17	Section 4.3.5.2: Toy Substrate Materials
ASTM F963-23	Section 4.3.5.1(2): Surface Coating Materials – Soluble Test for Metals
ASTM F963-23	Section 4.3.5.2: Toy Substrate Materials
ASTM F2853	Standard Test Method for Determination of Lead in Paint Layers and Similar Coatings or in Substrates and Homogenous Materials by Energy Dispersive X-Ray Fluorescence Spectrometry Using Multiple Monochromatic Excitation Beams
CPSC-CH-C1001-09.3	Standard Operating Procedure for Determination of Phthalates
CPSC-CH-C1001-09.4	Standard Operating Procedure for Determination of Phthalates
CPSC-CH-E1001-08	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1001-08.1	Standard Operating Procedure for Determining Total Lead (Pb) in Metal Children's Products (including Children's Metal Jewelry)
CPSC-CH-E1001-08.2	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1001-08.3	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1002-08	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products

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CPSC-CH-E1002-08.1	Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products, Revision
CPSC-CH-E1002-08.2	Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products, Revision
CPSC-CH-E1002-08.3	Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products. Revision
CPSC-CH-E1003-09	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings
CPSC-CH-E1003-09.1	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings
EN 71-3	Safety of toys – Part 3: Migration of certain elements
EN 71-9	Safety of toys – Part 9: Organic chemical compounds-Requirements
EN 71-10	Safety of toys – Part 10: Organic chemical compounds – Sample preparation and extraction
EN 71-11	Safety of toys – Part 11: Organic chemical compounds – Methods of analysis
EN 1811	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin
EN 12472	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items
EN 14362-1	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1:Detection of the use of certain azo colorants accessible with and without extracting the fibres
EN 14362-2	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 2:Detection of the use of certain azo colorants accessible with and without extracting the fibres
EN 14362-3	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 3:Detection of the use of certain azo colorants, which may release 4-aminoazobenzene
GB/T 22048	Determination of certain phthalate esters in toys and children's products
IEC 62321-3-1	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry
IEC 62321-4	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS

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IEC 62321-5	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS
IEC 62321-6	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS)
IEC 62321-7-1	Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method
IEC 62321-7-2	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method
IEC 62321-8	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS)
IEC 62321-10	Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS)
ISO 17234-1	Leather-Chemical tests for the determination of certain azo colourants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colourants
ISO 17234-2	Leather -Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene
SOR/2016-188	Phthalates Regulations
SOR/2016-193	Surface Coating Materials Regulations
SOR/2018-83	Canada Approved Consumer Products Containing Lead Regulations
Mechanical	
16 CFR Part 1215	Safety Standard for Infant Bath Seats
16 CFR Part 1216	Safety Standard for Infant Walkers
16 CFR Part 1218	Safety Standard for Bassinets and Cradles
16 CFR Part 1222	Safety Standard for Bedside Sleepers
16 CFR Part 1223	Safety Standard for Infant Swings
16 CFR Part 1225	Safety Standard for Hand-Held Infant Carriers

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16 CFR Part 1226	Safety Standard for Soft Infant and Toddler Carriers
16 CFR Part 1228	Safety Standard for Sling Carriers
16 CFR Part 1229	Safety Standard for Infant Bouncer Seats
16 CFR Part 1233	Safety Standard for Portable Hook-On Chairs
16 CFR Part 1234	Safety Standard for Infant Bathtubs
16 CFR Part 1235	Safety Standard for Baby Changing Products
16 CFR Part 1236	Safety Standard for Infant Sleep Products
16 CFR Part 1241	Safety Standard for Crib Mattresses
16 CFR Part 1250	Safety Standard Mandating ASTM F963 for Toys
16 CFR Part 1260	Safety Standard For Operating Cords On Custom Window Coverings
16 CFR Part 1261	Safety Standard for Clothing Storage Units
16 CFR Part 1262	Safety Standard for Magnets
16 CFR Part 1500.18	Banned toys and other banned articles intended for use by children
16 CFR Part 1500.19	Misbranded toys and other articles intended for use by children
16 CFR Part 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age
16 CFR Part 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age
16 CFR Part 1500.50	Test methods for simulating use and abuse of toys and other articles intended for use by children
16 CFR Part 1500.51	Test methods for simulating use and abuse of toys and other articles intended for use by children 18 months of age or less
16 CFR Part 1500.52	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age
16 CFR Part 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age
16 CFR Part 1500.82	Exemption from full labeling and other requirements
16 CFR Part 1500.83	Exemptions for small packages, minor hazards, and special circumstances
16 CFR Part 1501	Method for Identifying Toys and Other Articles Intended for Use By Children Under 3 Years of Age Which Present Choking, Aspiration, or Ingestion Hazards Because of Small Parts
16 CFR Part 1510	Requirements for Rattles
16 CFR Part 1511	Requirements for Pacifiers
16 CFR Part 1512	Requirements for Bicycles
16 CFR Part 1610	Standard for the Flammability of Clothing Textiles
16 CFR Part 1611	Standard for the Flammability of Vinyl Plastic Film
16 CFR Part 1615	Standard for the Flammability of Children's Sleepwear: Sizes 0 through 6X (FF 3-71)

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16 CFR Part 1616	Standard for the Flammability of Children's Sleepwear: Sizes 7 through 14 (FF 5-74)
16 CFR Part 1630	Standard for the Surface Flammability of Carpets and Rugs (FF 1-70)
16 CFR Part 1631	Standard for the Surface Flammability of Small Carpets and Rugs (FF 2-70)
16 CFR Part 1632	Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72, Amended)
16 CFR Part 1633	Standard for the Flammability (Open Flame) of Mattress Sets
ABNT NBR NM 300-1	Safety of toys – Part 1: Mechanical and physical properties
ABNT NBR NM 300-2	Safety of toys – Part 2: Flammability
AS/NZS ISO 8124.1	Safety of toys – Part 1: Mechanical and physical properties
AS/NZS ISO 8124.2	Safety of toys – Part 2: Flammability
ASTM D4151	Standard Test Method for Flammability of Blankets
ASTM F963-17	Section 4.1: Material Quality
ASTM F963-17	Section 4.2: Flammability
ASTM F963-17	Section 4.3.6: Cleanliness of Liquids, Pastes, Putties, Gels, Powders, and Items of Avian Feather Origin
ASTM F963-17	Section 4.3.7: Stuffing Materials
ASTM F963-17	Section 4.5: Sound Producing Toys
ASTM F963-17	Section 4.6: Small Objects
ASTM F963-17	Section 4.7: Accessible Edges
ASTM F963-17	Section 4.8: Projections
ASTM F963-17	Section 4.9: Accessible Points
ASTM F963-17	Section 4.10: Wires or Rods
ASTM F963-17	Section 4.11: Nails and Fasteners
ASTM F963-17	Section 4.12: Plastic Film
ASTM F963-17	Section 4.13: Folding Mechanisms and Hinges
ASTM F963-17	Section 4.14: Cords, Straps, and Elastics
ASTM F963-17	Section 4.15: Stability and Overload Requirements
ASTM F963-17	Section 4.16: Confined Spaces
ASTM F963-17	Section 4.17: Wheels, Tires, and Axles

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ASTM F963-17	Section 4.18: Holes, Clearances, and Accessibility of Mechanisms
ASTM F963-17	Section 4.19: Simulated Protective Devices
ASTM F963-17	Section 4.20.1: Pacifiers with Rubber Nipples/Nitrosamine Test
ASTM F963-17	Section 4.20.2: Toy Pacifiers
ASTM F963-17	Section 4.21: Projectile Toys
ASTM F963-17	Section 4.22: Teethers and Teething Toys
ASTM F963-17	Section 4.23.1: Rattles with nearly spherical, hemispherical, or circular flared ends
ASTM F963-17	Section 4.24: Squeeze Toys
ASTM F963-17	Section 4.26: Toys Intended to Be Attached to a Crib or Playpen
ASTM F963-17	Section 4.27: Stuffed and Beanbag-Type Toys
ASTM F963-17	Section 4.28: Stroller and Carriage Toys
ASTM F963-17	Section 4.30: Toy Gun Marking
ASTM F963-17	Section 4.31: Balloons
ASTM F963-17	Section 4.32: Certain Toys with Nearly Spherical Ends
ASTM F963-17	Section 4.33: Marbles
ASTM F963-17	Section 4.34: Balls
ASTM F963-17	Section 4.35: Pompoms
ASTM F963-17	Section 4.36: Hemispheric-Shaped Objects
ASTM F963-17	Section 4.37: Yo-Yo Elastic Tether Toys
ASTM F963-17	Section 4.38: Magnets
ASTM F963-17	Section 4.39: Jaw Entrapment in Handles and Steering Wheels
ASTM F963-17	Section 4.40: Expanding Materials
ASTM F963-17	Section 4.41: Toy Chests
ASTM F963-23	Section 4.1: Material Quality
ASTM F963-23	Section 4.2: Flammability
ASTM F963-23	Section 4.3.6.3: Cleanliness of Liquids, Pastes, Putties, Gels, Powders and Items of Avian Feather Origin
ASTM F963-23	Section 4.3.7: Stuffing Materials
ASTM F963-23	Section 4.5: Sound Producing Toys

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ASTM F963-23	Section 4.6: Small Objects
ASTM F963-23	Section 4.7: Accessible Edges
ASTM F963-23	Section 4.8: Projections
ASTM F963-23	Section 4.9: Accessible Points
ASTM F963-23	Section 4.10: Wires or Rods
ASTM F963-23	Section 4.11: Nails and Fasteners
ASTM F963-23	Section 4.12: Plastic Film
ASTM F963-23	Section 4.13: Folding Mechanisms and Hinges
ASTM F963-23	Section 4.14: Cords, Straps, and Elastics
ASTM F963-23	Section 4.15: Stability and Overload Requirements
ASTM F963-23	Section 4.16: Confined Spaces
ASTM F963-23	Section 4.17: Wheels, Tires, and Axles
ASTM F963-23	Section 4.18: Holes, Clearances, and Accessibility of Mechanisms
ASTM F963-23	Section 4.19: Simulated Protective Devices
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ASTM F963-23	Section 4.21: Projectile Toys
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ASTM F963-23	Section 4.27: Stuffed and Beanbag-Type Toys
ASTM F963-23	Section 4.28: Stroller and Carriage Toys
ASTM F963-23	Section 4.29: Art Materials
ASTM F963-23	Section 4.30: Toy Gun Marking
ASTM F963-23	Section 4.31: Balloons
ASTM F963-23	Section 4.32: Certain Toys with Nearly Spherical Ends
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ASTM F963-23	Section 4.34: Balls
ASTM F963-23	Section 4.35: Pompoms
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ASTM F963-23	Section 4.38: Magnets
ASTM F963-23	Section 4.39: Jaw Entrapment in Handles and Steering Wheels
ASTM F963-23	Section 4.40: Expanding Materials
ASTM F963-23	Section 4.41: Toy Chests
ASTM F1772	Standard Specification for Harnesses for Rescue and Sport Activities
ASTM F1774	Standard Specification for Climbing and Mountaineering Carabiners
ASTM F1816	Standard Safety Specification for Drawstrings on Children's Upper Outerwear
ASTM F1967	Standard Consumer Safety Specification for Infant Bath Seats
ASTM F2050	Standard Consumer Safety Specification for Hand-Held Infant Carriers
ASTM F2057	Standard Safety Specification for Clothing Storage Units
ASTM F2085	Standard Consumer Safety Specification for Portable Bed Rails
ASTM F2088	Standard Consumer Safety Specification for Infant and Cradle Swings
ASTM F2236	Standard Consumer Safety Specification for Soft Infant and Toddler Carriers
ASTM F2388	Standard Consumer Safety Specification for Baby Changing Products for Domestic Use
ASTM F2549	Standard Consumer Safety Specification for Frame Child Carriers
ASTM F2670	Standard Consumer Safety Specification for Infant Bath Tubs
ASTM F2923	Standard Specification for Consumer Product Safety for Children's Jewelry
EN 71-1	Safety of toys – Part 1: Mechanical and physical properties
EN 71-2	Safety of toys – Part 2: Flammability
EN 1400	Child use and care articles, Soothers for babies and young children-Safety re and test methods
EN 12586	Child use and care articles - Soother holder - Safety requirements and test methods
EN 13209-1	Child care articles – Child carriers – Safety requirements and test methods – Part 1: Framed back carrier

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EN 13209-2	Child use and care articles – Baby Carriers – Safety requirements and test methods – Part 2: Soft carrier
EN 13210-1	Child care articles – Part 1: Children's harnesses, reins – Safety requirements and test methods
EN 13210-2	Child care articles – Part 2: Children's harnesses incorporating backpacks and reins – Safety requirements and test methods
EN 14372	Child use and care articles - Cutlery and feeding utensils - Safety requirements and tests
EN 16781	Textile child care articles - Safety requirements and test methods for children's sleep bags for use in a cot
SOR/2011-17	Toys Regulations
ST 2016	Part 1: Safety aspects related to mechanical and physical properties
ST 2016	Part 2: Flammability
ST 2016	Part 3: Chemical properties
Electrical	
16 CFR Part 1505	Requirements for Electrically Operated Toys or Other Electrically Operated Articles Intended for Use By Children
ASTM F963-17	Section 4.4: Electrical/Thermal Energy
ASTM F963-17	Section 4.25: Battery-Operated Toys
ASTM F963-23	Section 4.4: Electrical/Thermal Energy
ASTM F963-23	Section 4.25: Battery-Operated Toys
EN IEC 62115	Safety Standard for Electrical Toys
IEC 62115	Safety Standard for Electrical Toys