



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **STQ TESTING SERVICES CO., LTD.**

1# BUILDING, 15# YINZHU ROAD, HIGH-TECH ZONE  
SUZHOU, JIANGSU, GUA 215000, CHINA

**Testing Laboratory TL-532**

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 April 3, 2024



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

**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## STQ TESTING SERVICES CO., LTD.

[www.stq-cert.com](http://www.stq-cert.com)

**Contact Name** Leo Qin

**Contact Phone** +86-13382410710

*Accredited to ISO/IEC 17025:2017*

*Effective Date April 3, 2024*

| Chemical/Environmental |  |
|------------------------|--|
| 16 CFR Part 1130       | Requirements for Consumer Registration of Durable Infant or Toddler Products   |
| 16 CFR Part 1239       | Safety Standard for Gates and Enclosures   |
| 16 CFR Part 1610       | Standard For the Flammability of Clothing Textiles   |
| AOAC 973.32:2005       | Lead and Cadmium Extracted from Ceramic Ware (ICP-MS) (Extractable Pb and Cd content)  |
| ASTM C927              | Standard Test Method for Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels (ICP-MS) (Extractable Pb and Cd content) |
| ASTM F963-23           | Specification for Migration of Certain Elements (Total Lead) (clause 8.3 only)   |
| ASTM F963-23           | Consumer Safety Specification for Toy Safety Item 4.3.5 Paint and Similar Surface-Coating Materials (Soluble Pb, Cd, Cr, Hg, As, Se, Sb, Ba) (clause 8.3 only)                           |
| ASTM F963-23           | Consumer Safety Specification for Toy Safety (only clauses: 4.1, 4.2, 4.3.7, 4.6 through 4.24, 4.26 through 4.28, 4.30 through 4.41, 5, 6, and 7)  |
| ASTM F1004-23          | Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures   |
| ASTM F1235-18          | Standard Consumer Safety Specification for Portable Hook-On Chairs   |
| ASTM F1816-18          | Standard Safety Specification for Drawstrings on Children's Upper Outerwear  |
| ASTM F1821-19e2        | Standard Consumer Safety Specification for Toddler Beds  |
| ASTM F2923-20          | Standard Specification for Consumer Product Safety for Children's Jewelry (Nickel release)   |
| ASTM F2923-20          | Standard Specification for Consumer Product Safety for Children's Jewelry (Total Lead)   |

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|   |  |
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| AS/NZS ISO 8124.1:2023                          | Safety of toys Part 1: Safety aspects related to mechanical and physical properties  |
| AS/NZS ISO 8124.2:2023                          | Safety of toys, Part 2: Flammability   |
| AS/NZS ISO 8124.3:2021 Amd 1:2023               | Safety of Toys, Part 3: Migration of certain elements  |
| BS EN 71-1:2014+A1:2018                         | Safety of toys. Mechanical and physical properties   |
| BS EN 71-2:2020                                 | Safety of toys. Flammability   |
| BS EN 71-3:2019+A1:2021                         | Safety of toys. Migration of certain elements  |
| Canadian product safety reference manual book 5 | Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) (C02.2.1) Effective 2021-06-02  |
| Canadian product safety reference manual book 5 | Determination of Total Lead in Surface Coating Materials in Consumer Products by ICP-OES (C02.2.2) Effective 2020-01-23  |
| Canadian product safety reference manual book 5 | Determination of Total Lead and Cadmium in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.3.1) Effective 2021-02-22  |
| Canadian product safety reference manual book 5 | Determination of Total Lead in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.3.2) Effective 2021-02-22  |
| Canadian product safety reference manual book 5 | Determination of Total Lead and Cadmium in Metallic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.4.1) Effective 2019-03-15   |
| Canadian product safety reference manual book 5 | Determination of Total Cadmium in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.7) Effective 2020-05-05                                    |
| Canadian product safety reference manual book 5 | Determination of Migratable Arsenic (As), Barium (Ba), Cadmium (Cd), Antimony (Sb), and Selenium (Se) in Applied Surface Coating Materials by ICP-OES (C08.1) Effective 2022-10-18                                     |
| Canadian product safety reference manual book 5 | Determination of migratable lead in consumer products (C08) Effective 2014-01-06   |
| Canadian product safety reference manual book 5 | Determination of Leachable Lead in Kettles by ICP-MS(C09) Effective 2019-06-11   |
| Canadian product safety reference manual book 5 | Determination of leachable lead and cadmium from glazed ceramics and glassware by flame atomic absorption spectrometer (C10) Effective 2017-10-20  |
| Canadian product safety reference manual book 5 | Laboratory policies and procedures, part B: test methods section C-34 (2018-07-19) Canada Consumer Products Safety (S.C.2010, C.21/Phthalates Regulations SOR/2016-188 (Phthalates (DBP, BBP, DEHP, DINP, DNOP, DIDP)) |

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| CPSC-CH-C1001-09.4  | Standard Operating Procedure for Determination of Phthalates (Phthalates DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)      |
| CPSC-CH-E1001-08.3  | Operation Procedure – Determination to Total Lead in Child Metal Product (including Children's Metal Jewelry) (Total Lead)    |
| CPSC-CH-E1002-08.3  | Operating Procedure for Determining Total Lead (Pb) in Non-metal Children's Products (Total Lead)                             |
| CPSC-CH-E1003-09.1  | Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (Total Lead)               |
| CPSC-CH-E1004-11    | Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry (Soluble Cd) (ICP-OES) |
| FDA 21 CFR 176.170  | Paper and paperboard (evaporation residue)  |
| FDA 21 CFR 177.1210 | Closure with sealing gaskets (evaporation residue)  |
| FDA 21 CFR 177.1350 | Ethylene-vinyl Acetate Copolymers (evaporation residue)   |
| FDA 21 CFR 177.1460 | Melamine-formaldehyde Resins in Molded Articles (evaporation residue)   |
| FDA 21 CFR 177.1500 | PA Resin (evaporation residue)  |
| FDA 21 CFR 177.1520 | Olefin polymers (evaporation residue)   |
| FDA 21 CFR 177.2420 | Polyester Resins, Cross Linked (evaporation residue)  |
| FDA 21 CFR 177.2600 | Rubber articles (evaporation residue)   |
| FDA CPG 7117.06     | Pottery (Ceramics) Imported and Domestic - Cadmium Contamination (ICP-MS) (Extractable Pb and Cd content)                     |
| FDA CPG 7117.07     | Pottery (Ceramics); Imported and Domestic - Lead Contamination (ICP-MS) (Extractable Pb and Cd content)                       |
| SOR/2011-17         | Toys Regulations (SOR/2011-17) Clauses 4, 7 through 18, 23, 27 through 31, 36, 39 through 44, and 46                          |
| SOR/2018-82         | Children's Jewelry Regulations (SOR/2018-82) (Total Lead and cadmium)   |
| SOR/2018-83         | Consumer Products Containing Lead Regulations (SOR/2018-83) (Total Lead)  |
| SOR/2016-175        | Glazed Ceramics and Glassware Regulations (SOR/2016-175) (Extractable Pb and Cd content)                                      |
| SOR/2016-181        | Kettles Regulations (SOR/2016-181) (Extractable Pb content)   |
| SOR/2016-193        | Surface Coating Materials Regulations (SOR/2016-193) (Total Lead and mercury)   |