



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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MECHANICAL

Valid to: December 31, 2016

Certificate Number: 3101.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical and safety tests:

**Test Method:**

**Test Description/Title**

***US Code of Regulations- Toy Safety***

16 CFR 1500.19

Misbranded Toys and Other Articles Intended for Used by Children

16 CFR 1500.44

Method for Determining Extremely Flammable and Flammable Solids

16 CFR 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 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 1500.50

Test Methods for Simulating Use and Abuse of Toys and Other Articles Intended for Use by Children

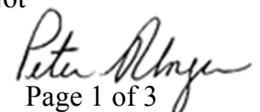
16 CFR 1500.51

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 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

(A2LA Cert. No. 3101.03) Revised 04/02/2015

  
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**Test Method:**

**Test Description/Title**

***US Code of Regulations- Toy Safety (cont.)***

16 CFR 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 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 1510 Requirements for Rattles

16 CFR 1511 Requirements for Pacifiers

***Standards for Toy Safety***

AS/NZS ISO 8124.1;  
ISO 8124-1 Safety of Toys Part 1: Safety Aspects Related to Mechanical and Physical Properties

*(excl. 4.15.2, 4.16.2.2, 4.20, 4.21, 4.28, 4.29)*

AS/NZS ISO 8124.2;  
ISO 8124-2 Safety of Toys Part 2: Flammability

*(excl. flammable gases, flammable, extremely or high flammable liquids and gels)*

ASTM F963-11 Standard Consumer Safety Specification for Toy Safety (clauses 4.1, 4.2, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13.1, 4.13.2, 4.14, 4.15.1, 4.15.4, 4.15.5, 4.16.1, 4.16.2, 4.16.3, 4.17, 4.18, 4.19, 4.20.2, 4.21, 4.22, 4.23, 4.24, 4.25.1 to 4.25.9, 4.26, 4.27, 4.28, 4.29.2, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 5.0, 6.0, 7.0)

***Canadian Regulations - Toy Safety***

SOR/2011-17 Toys Regulations (Packaging, Mechanical Hazards, Specific Products)

S.C. 2010, c.21 Canada Consumer Product Safety Act (Schedule 2 clauses 1, 2, 3, 5, 8, 9, 14)

***European Union***

EN 71-1; BS EN 71-1 Safety of Toys – Part 1: Mechanical and Physical Properties

*(excl. 4.14.1c, 4.15.1.3, 4.15.1.5, 4.15.2.3, 4.15.5.3, 4.15.5.5, 4.20)*

EN 71-2; BS EN 71-2 Safety of Toys – Part 2: Flammability

*(excl. flammable gases, flammable, extremely or high flammable liquids and gels)*

**Test Method:**

**Test Description/Title**

***Child Use and Care Articles***

EN 14372;  
BS EN 14372;  
(excl. 5.4)

Child Use and Care Articles – Cutlery and Feeding Utensils – Safety Requirements and Tests

***Textiles***

AATCC –  
Test Method 8

Colorfastness to Crocking: Crockmeter Method

ISO 105 – X12

Textiles – Tests for Colour Fastness – Part X12: Colour Fastness to Rubbing

***Stationery***

BS 7272-1

Writing and Marking Instruments – Part 1: Specification for Caps to Reduce the Risk of Asphyxiation

BS 7272-2

Writing and Marking Instruments – Part 2: Specification for End Closures to Reduce the Risk of Asphyxiation

ISO 11540

Writing and Marking Instruments – Specification for Caps to Reduce the Risk of Asphyxiation

On the following products or types of products: General Children’s Toys, Child use and car cartiles, Textiles, Stationery: e.g. Rattles, Pacifiers, Projectile Toys, Squeeze Toys, Battery Operated Toys, Stuffed Toys, Beanbag-Type Toys, Pull Toys, Push Toys, Toy Gun, Toy Stroller, Mobile Toys, Mask And Helmets, Balloons, Aquatic Toys, Liquid-Filled Toys, Play Figure, Hemispheric-Shaped Toys, Heavy-Immobile Toys, Bows And Arrows, Toy Bags, Toy Costumes, Dolls, Soft Toys, Teethers And Teething Toys, Toys Intended To Be Attached To A Crib Or Playpen, Toys Which A Child Can Enter, Marbles, Balls, Pompoms, Toy Books, Game Toys, Baby Walkers, ect.for the typical required tests below:

- Small parts test
- Torque test
- Tension test
- Drop test
- Compression test
- Seam Tension test
- Tip over test
- Flexure test
- Sharp point test
- Impact test
- Impact test for mask
- Small ball test
- Pacifier test
- Temperature risk test
- Entrapment test
- Spring test
- Hemispheric-shaped toys test
- Package thickness
- Cord thickness test
- Cords length test
- Jaw entrapment test
- Flammability test
- Accessible test
- Rattle test
- Washing test
- Soaking test
- Leakage test
- Projectile Kinetic Energy test
- Sharp edge test
- Package and labeling test
- Hinge test
- Tumble test
- Ventilation test
- Protective test



American Association for Laboratory Accreditation

# *Accredited Laboratory*

A2LA has accredited

## **EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.**

*Shenzhen City, People's Republic of China*

for technical competence in the field of

### **Mechanical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 5<sup>th</sup> day of January 2015.



A handwritten signature in black ink, reading "Peter Abney".

President & CEO  
For the Accreditation Council  
Certificate Number 3101.03  
Valid to December 31, 2016

*For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*