



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TUV RHEINLAND OF NORTH AMERICA, INC.

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MECHANICAL

Valid To: June 30, 2019

Certificate Number: 3331.10

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on toys and textile consumer products:

Test:

Test Method(s) ¹:

Small Parts

16 CFR 1501;
ASTM F963-16 (Section 4.6)

Sharp Points

16 CFR 1500.48;
ASTM F963-16 (Section 4.9)

Sharp Edges

16 CFR 1500.49;
ASTM F963-16 (Section 4.7)

Rattles

16 CFR 1510;
ASTM F963-16 (Section 4.23)

Pacifiers

16 CFR 1511;
ASTM F963-16 (Section 4.20.2)

Dive Sticks

16 CFR 1500.18(a) (19), 1500.86(a) (7), (8)

Tumble Test for Wheeled Toys

ASTM F963-16 (Section 8.7.3)

Tire Removal and Snap-in Wheel and Axle Assembly
Removal

ASTM F963-16 (Sections 4.17 and 8.11)

Stuffing Materials

ASTM F963-16 (Section 4.3.7)

Sound Producing Toys

ASTM F963-16 (Sections 4.5 and 8.19)

Mouth Actuated Toys

ASTM F963-16 (Sections 4.6.2 and 8.13)

Test:

Projections / Bath Toy Projections

Wires and Rods

Nails and Fasteners

Packaging / Plastic Film

Determination of Thickness of Plastic Film Test Specimens

Folding Mechanisms and Hinges

Cords, Straps, Loops, and Elastics in Toys

Confined Spaces

Holes, Clearance and Accessibility of Mechanisms

Impact Test for Toys that Cover the Face

Teethers and Teething Toys

Squeeze Toys

Battery-Operated Toys

Toys Intended to be Attached to a Crib or Playpen

Normal Use Testing

Washable Toys

Use and Abuse Testing

Impact

Drop

Tip-Over

Torque

Test Method(s) ¹:

ASTM F963-16 (Section 4.8 and Annex A4)

ASTM F963-16 (Sections 4.10 and 8.12)

ASTM F963-16 (Section 4.11)

ASTM F963-16 (Sections 4.12 and 8.21)

ASTM D6988-08

ASTM F963-16 (Sections 4.13 and 8.25)

ASTM F963-16 (Sections 4.14.1, 4.14.2, 4.14.3, 4.14.5, 8.22.1, 8.22.2, and 8.22.3)

ASTM F963-16 (Section 4.16)

ASTM F963-16 (Section 4.18)

ASTM F963-16 (Sections 4.19 and 8.7.4)

ASTM F963-16 (Section 4.22)

ASTM F963-16 (Section 4.24)

ASTM F963-16 (Section 4.25, [excluding 4.25.10])

ASTM F963-16 (Section 4.26, Annex A3)

ASTM F963-16 (Section 8.5)

ASTM F963-16 (Sections 8.5.1 and 8.5.1.1)

16 CFR 1500.51(b), 1500.52(b), 1500.53(b);
ASTM F963-16 (Sections 8.7.1 and 8.7.4)

ASTM F963-16 (Section 8.7.1)

16 CFR 1500.51(b), 1500.52(b), 1500.53(b);
ASTM F963-16 (Section 8.7.2)16 CFR 1500.51(e), 1500.52(e), 1500.53(e);
ASTM F963-16 (Section 8.8)

Test:

Test Method(s) ¹:

Use and Abuse Testing (*cont'd*)

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|---|--|
| Tension | 16 CFR 1500.51(f), 1500.52(f), 1500.53(f); ASTM F963-16 (Section 8.9) |
| Seam Strength | 16 CFR 1500.51(f), 1500.52(f), 1500.53(f); ASTM F963-16 (Section 8.9.1) |
| Compression | 16 CFR 1500.51(g), 1500.52(g), 1500.53(g); ASTM F963-16 (Section 8.10) |
| Flexure | 16 CFR 1500.51(d), 1500.52(d), 1500.53(d); ASTM F963-16 (Section 8.12) |
| Stuffed and Beanbag-Type Toys | ASTM F963-16 (Section 4.27) |
| Art Materials | 16 CFR 1500.14(b)(8); ASTM F963-16 (Section 4.29) |
| Toy Gun Marking Marking of Toy, Look-a-Like and Imitation Firearms | 15 CFR 1150; ASTM F963-16 (Section 4.30) |
| Certain Toys with Spherical / Nearly Spherical Ends | ASTM F963-16 (Section 4.32) |
| Hemispherical Toys | ASTM F963-16 (Section 4.36) |
| Balls | 16 CFR 1500.18(a)(17), 1500.19; ASTM F963-16 (Section 4.34) |
| Magnets | ASTM F963-16 (Section 4.38) |
| Jaw Entrapment in Handles and Steering Wheels | ASTM F963-16 (Section 4.39) |
| Stability of Ride-on Toys / Toy Seats | ASTM F963-16 (Sections 4.15 and 8.15) |
| Pompoms by Torque and Tension | ASTM F963-16 (Sections 4.35 and 8.16) |
| Safety Labeling Requirements | 16 CFR 1500.19; ASTM F963-16 (Section 5.3) |
| Children's Jewelry | ASTM F2923 (Sections 4, 12, and 13) |
| Flammability of Clothing Textiles | 16 CFR 1610 |
| Flammability Testing Procedure for Fabrics | ASTM F963-16 (Annex A6) |
| Method for Determining Extremely Flammable and Flammable Solids | 16 CFR 1500.44; ASTM F963-16 (Annex A5) |

Test:

Fire Safety for Candles

Fire Safety for Candle Accessories

Candle Fire Safety Labeling

Test Method(s) ¹:

ASTM F2417

ASTM F2601

ASTM F2058

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.



Accredited Laboratory

A2LA has accredited

TUV RHEINLAND OF NORTH AMERICA, INC.

Bentonville, AR

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 2nd day of June 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3331.10
Valid to June 30, 2019

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