



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AM TESTING & SERVICES, INC.
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MECHANICAL

Valid To: July 31, 2025

Certificate Number: 3180.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests in conformance with applicable Good Laboratory Practice (GLP) Regulations per 21 CFR 58, 210, 211, and 820 on: children's toys, ceramics, glassware, paint and other surface coatings¹:

Test/Tested Product

Test Method(s)

Childrens Jewelry

Childrens Jewelry

ASTM F2923-20

Child Use Care Articles

Soother Holder

EN 12586 (except 5.3.5, 5.3.6, 5.3.8, 5.3.9, 5.3.10, 5.3.11)

Toys / Children's Products

Material Quality

ASTM F963-17; F963-23 (Section 4.1);
EN 71-1:2014 (Sections 4.1 and 8.10)

Flammable Solids / Removable Wear

ASTM F963-17; F963-23 (Section 4.2, Annex A4, and
Annex A6); 16 CFR 1500.3(c)(6)(vi), 1500.44;

Safety of Toys Flammability

EN 71-2:2011, EN 71-2:2020

Flammability of Textiles

ASTM D1230-22

Flammability of Blankets

ASTM D4151-22

Flammability Childrens Sleepwear section 2
Tight Fitting Sleepwear Infant Garment

SOR/2016 Childrens Sleepwear section 2 Tight Fitting
Sleepwear

(A2LA Cert. No. 3180.01) Revised 03/11/2024

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Test/Tested Product

Test Method(s)

Toys / Children's Products cont'd

Flammability Childrens Sleepwear Tight Fitting Sleepwear Polo Pyjamas	SOR/2016 Childrens Sleepwear section 2 Tight Fitting Sleepwear Polo Pyjamas
Flammability Childrens Sleepwear Loose Fitting Sleepwear	SOR/2016 Children's Sleepwear section 3 Schedule 1 Loose Fitting Sleepwear
Stuffing Materials	ASTM F963-17; F963-23 (Section 4.3.7); 16 CFR 1250; EN 71-1:2014 (Section 5.2)
Electronically Operated Toys	ASTM F963-17; F963-23 (Section 4.4); 16 CFR 1505
Sound Producing Toys (Including Cap and Toy Guns)	ASTM F963-17; F963-23 (Section 4.5); 16 CFR 1250, 16 CFR 1500.18(a)(5), 1500.47; EN 71-1:2014 (Section 4.20)
Small Parts Rule / Small Objects	ASTM F963-17; F963-23 (Section 4.6); 16 CFR 1501; EN 71-1:2014 (Section 7.2)
Labeling of Misbranded Toys	ASTM F963-17; F963-23 (Section 4.6.3); 16 CFR 1500.19; EN 71-1:2014 (Section 7.2)
Sharp Edges / Accessible Edges	ASTM F963-17; F963-23 (Section 4.7); 16 CFR 1250, 16 CFR 1500.49; EN 71-1:2014 (Sections 4.7, 7.6 and 8.11)
Projections	ASTM F963-17; F963-23 (Section 4.8); 16 CFR 1250; EN 71-1:2014 (Section 4.9)
Sharp Points / Accessible Points	ASTM F963-17; F963-23 (Section 4.9); 16 CFR 1250, 16 CFR 1500.48; EN 71-1:2014 (Section 8.12)
Wires and/or Rods	ASTM F963-17; F963-23 (Section 4.10); 16 CFR 1250; EN 71-1:2014 (Section 4.8)
Nails and Fasteners	ASTM F963-17; F963-23 (Section 4.11); 16 CFR 1250

Test/Tested Product

Test Method(s)

Toys / Children's Products cont'd

Plastic Film	ASTM F963-17; F963-23 (Section 4.12); 16 CFR 1250 EN 71-1:2014 (Sections 4.3, 5.3, 6 and 8.25.1)
Folding Mechanisms and Hinges	ASTM F963-17; F963-23 (Section 4.13); 16 CFR 1250; EN 71-1:2014 (Sections 4.10.1, 4.10. 3, 4.10.4 and 8.18.2)
Cords, Straps and Elastics	ASTM F963-17; F963-23 (Section 4.14); 16 CFR 1250; EN 71-1:2014 (Sections 4.13, 5.4 and 8.19)
Stability and Over-Load Requirements	ASTM F963-17; F963-23 (Section 4.15); 16 CFR 1250; EN 71-1:2014 (Sections 4.15.1.4)
Confined Spaces	ASTM F963-17; F963-23 (Section 4.16); 16 CFR 1250; EN 71-1:2014 (Sections 4.4, 4.14.1 and 4.14.2)
Wheels, Tires and Axles	ASTM F963-17; F963-23 (Section 4.17); 16 CFR 1250
Holes, Clearances and Accessibility of Mechanisms	ASTM F963-17; F963-23 (Section 4.18); 16 CFR 1250
Simulated Protective Devices	ASTM F963-17; F963-23 (Section 4.19); 16 CFR 1250; EN 71-1:2014 (Section 7.8)
Pacifiers with Rubber Nipples	16 CFR 1511
Toy Pacifiers	ASTM F963-17; F963-23 (Section 4.20.2); 16 CFR 1250, 16 CFR 1511 SOR/216 184 Method 09
Projectile Toys	ASTM F963-17; F963-23 (Section 4.21); 16 CFR 1250; EN 71-1:2014 (Sections 4.17, 7.7, 8.24.1 and 8.24.2)
Teethers and Teething Toys	ASTM F963-17; F963-23 (Section 4.22); 16 CFR 1250; EN 71-1:2014 (Sections 5.8 and 7.12)
Rattles with Nearly Spherical Hemispherical, or Circular Flared Ends	ASTM F963-17; F963-23 (Section 4.23.1); 16 CFR 1250, 16 CFR 1510



Test/Tested Product

Test Method(s)

Toys / Children's Products cont'd

Squeeze Toys	ASTM F963-17; F963-23 (Section 4.24); 16 CFR 1250, 16 CFR 1510
Battery Operated Toys	ASTM F963-17; F963-23 (Section 4.25); 16 CFR 1250; EN 71-1:2014 (Section 4.11)
Toys Intended to be Attached to a Crib or Playpen	ASTM F963-17; F963-23 (Section 4.26); 16 CFR 1250
Stuffed and Beanbag-Type Toys	ASTM F963-17; F963-23 (Section 4.27); 16 CFR 1250; EN 71-1:2014 (Section 8.4.2.2)
Labeling of Stroller and Carriage Toys	ASTM F963-17; F963-23 (Section 4.28)
Art Materials	ASTM F963-17; F963-23 (Section 4.29); 16 CFR 1500.14 (b)(8)
Toy Gun Marking	ASTM F963-17; F963-23 (Section 4.30); 16 CFR 1250
Certain Toys with Nearly Spherical Ends	ASTM F963-17; F963-23 (Section 4.32); 16 CFR 1250; EN 71-1:2014 (Sections 5.8, 5.11, 5.12 and 8.16)
Labeling of Marbles	ASTM F963-17; F963-23 (Section 4.33); 16 CFR 1500.19
Small Balls	ASTM F963-17; F963-23 (Section 4.34); 16 CFR 1500.18 (a)(17), 16 CFR 1500.19; EN 71-1:2014 (Sections 4.22 and 5.10)
Pompoms	ASTM F963-17; F963-23 (Section 4.35); 16 CFR 1250
Hemispheric-Shaped Objects	ASTM F963-17; F963-23 (Section 4.36); 16 CFR 1250; EN 71-1:2014 (Section 5.8)
Magnets	ASTM F963-17; F963-23 (Section 4.38); 16 CFR 1250; EN 71-1:2014 (Section 4.25) 16 CFR 1262

Test/Tested Product

Test Method(s)

Toys / Children's Products cont'd

Jaw Entrapment in Handles and Steering Wheels	ASTM F963-17; F963-23 (Section 4.39); 16 CFR 1250
Expanding Materials	ASTM F963-17; F963-23 (Section 4.40), 16 CFR 1250; EN 71-1:2014 (Sections 4.6 and 8.14)
Toy Chests	ASTM F963-17; F963-23 (Section 4.41); 16 CFR 1250; EN 71-1:2014 (Sections 4.14 and 8.31)
Producer's Markings	ASTM F963-17; F963-23 (Section 7.1)
Battery-Powered Ride-on Toys	ASTM F963-17; F963-23 (Section 7.2)
Toy Chests	ASTM F963-17; F963-23 (Section 7.3)
Glass and Porcelain	EN 71-1:2014 (Sections 4.5 and 5.7)
Toys Containing a Heat Source / Measurement of Temperature Rises	EN 71-1:2014 (Sections 4.21 and 8.30)
Liquid Filled Toys	EN 71-1:2014 (Sections 5.5 and 8.15)
Toys Comprising Monofilament Fibers	EN 71-1:2014 (Sections 5.9 and 7.17)
Suction Cups	EN 71-1:2014 (Section 5.13)
Soaking Test	EN 71-1:2014 (Section 8.9)
Experimental sets for chemistry and related activities	EN 71-4 :2013, EN 71-4 :2021

Use and Abuse Testing

Normal Use Testing	ASTM F963-17; F963-23 (Section 8.5); EN 71-1:2014 (Sections 8.3, 8.4, 8.5, 8.7, 8.8 and 8.13)
Abuse Testing	ASTM F963-17; F963-23 (Section 8.6); EN 71-1:2014 (Sections 8.3, 8.4, 8.5, 8.7, 8.8 and 8.13)
Impact / Drop Test	ASTM F963-17; F963-23 (Section 8.7); 16 CFR 1500.50, 1500.51b, 1500.52b, 1500.53b; EN 71-1:2014 (Sections 8.5, 8.6 and 8.7)

Test/Tested Product

Test Method(s)

Use and Abuse Testing cont'd

Torque	ASTM F963-17; F963-23 (Section 8.8); 16 CFR 1500.50, 1500.51e, 1500.52e, 1500.53e; EN 71-1:2014 (Section 8.3)
Tension	ASTM F963-17; F963-23 (Section 8.9); 16 CFR 1500.50, 1500.51f, 1500.52f, 1500.53f; EN 71-1:2014 (Sections 8.4.1, 8.4.2.2 and 8.4.2.3)
Compression	ASTM F963-17; F963-23 (Section 8.10); 16 CFR 1500.50, 1500.51g, 1500.52g, 1500.53g,
Bite	16 CFR 1500.50, 1500.51c, 1500.52c, 1500.53c; EN 71-1:2014 (Section 8.8)
Flexure	ASTM F963-17; F963-23 (Section 8.12); 16 CFR 1500.50, 1500.51d, 1500.52d, 1500.53d; EN 71-1:2014 (Section 8.13)
Magnets	ASTM F963-17; F963-23 (Section 8.25); EN 71-1:2014 (Section 4.23 and 8.34) 16 CFR 1262
Child use and car articles-Cutlery and feeding utensils	EN 14372 (except 5.4.2.5 & 5.4.2.7)

Flammability of Textiles

Flammability of Clothing	16 CFR 1610
Flammability of Children's Sleepwear: Sizes 0 through 6X (FF 3-71)	16 CFR 1615
Flammability of Children's Sleepwear: Sizes 7 through 14 (FF 5-74)	16 CFR 1616
Surface Flamability of Carpets and Rugs	16 CFR 1630
Surface Flamability of Small Carpets and Rugs	16 CFR 1631

Labeling Requirements and Instructional Literature

Labeling of Aquatic Toys	ASTM F963-17; F963-23 (Section 5.4); EN 71-1:2014 (Section 7.4)
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Test/Tested Product

Test Method(s)

Labeling Requirements and Instructional Literature cont'd

Labeling and Instructional literature of Crib and Playpen Toys (Including Age Grading and Safety Labeling)	ASTM F963-17; F963-23 (Sections 5.5 and 6.2)
Labeling and Instructional literature of Mobiles (Including Age Grading and Safety Labeling)	ASTM F963-17; F963-23 (Sections 5.6 and 6.3)
Labeling of Stroller and Carriage Toys	ASTM F963-17; F963-23 (Section 5.7)
Labeling and Instructional literature of Toys Intended to be Assembled by an Adult	ASTM F963-17; F963-23 (Sections 5.8 and 6.4); EN 71-1:2014 (Section 4.2)
Labeling of Simulated Protective Devices	ASTM F963-17; F963-23 (Section 5.9)
Labeling of Toys with Functional Sharp Edges or Points	ASTM F963-17; F963-23 (Section 5.10)
Labeling of Small Objects, Small Balls, Marbles, Balloons	ASTM F963-17; F963-23 (Section 4.31, 5.11); 16 CFR 1500.19; EN 71-1:2014 (Sections 4.12 and 7.3)
Labeling of Toy Caps	ASTM F963-17; F963-23 (Section 5.12)
Labeling of Hazardous Art Materials (LHAMA)	ASTM D4236, ASTM F963-11 (Section 5.13), ASTM F963-17 ; F963-23 Section 5.13); 16 CFR 1500.14(b)(8)
Labeling of Electric Toys	ASTM F963-17; F963-23 (Section 5.14) ; 16 CFR 1505.3
Labeling and Instructional literature of Battery Operated Toys	ASTM F963-17; F963-23 (Sections 5.15 and 6.5)
Labeling and Instructional literature of Battery Powered Ride On Toys	ASTM F963-17; F963-23 (Sections 5.15.1 and 6. 6)
Labeling of Promotional Materials	ASTM F963-17; F963-23 (Section 5.16)
Labeling of Magnets	ASTM F963-17; F963-23 (Section 5.17)
Instructional literature of Toys in Contact with Food	ASTM F963-17; F963-23 (Section 6.7)
Functional Toys	EN 71-1:2014 (Section 7.5)
Toy Kites	EN 71-1:2014 (Section 7.9)

Test/Tested Product

Test Method(s)

Labeling Requirements and Instructional Literature cont'd

Roller Skates, Inline Skates and Toy Skateboards	EN 71-1:2014 (Section 7.10)
Toys Intended to be Strung Across a Cradle, Cot, or Perambulator	EN 71-1:2014 (Section 7.11)
Percussion Caps Specifically Designed for Use in Toys	EN 71-1:2014 (Section 7.13)
Acoustics	EN 71-1:2014 (Section 7.14)
Toy Bicycles	EN 71-1:2014 (Section 7.15)
Toys Intended to Bear the Mass of a Child	EN 71-1:2014 (Section 7.16)
Small Scooters	EN 71-1:2014 (Section 7.18)
Rocking Horses and Similar Toys	EN 71-1:2014 (Section 7.19)

Children's and Juvenile Products

High Chairs	ASTM F404-21; 16CFR1231
Non-Full Size Baby Cribs/Play Yards	ASTM F406-19, ASTM F406-22; 16 CFR 1220, 16 CFR 1221 SOR/2016-152 SOR/2018-186
Carriages and Strollers	ASTM F833-21 16 CFR 1227 SOR/2023-101
Infant Walkers	ASTM F 977-22e1; 16 CFR 1216
Gates and Enclosures	ASTM F1004-22, ASTM F1004-23; 16 CFR 1239 SOR/2016-179
Bunk Beds	ASTM F1427-21e1; 16 CFR 1213, 16 CFR 1513



Test/Tested Product**Test Method(s)****Children's and Juvenile Products cont'd**

Full Size Cribs	ASTM F1169-19; 16 CFR 1219 SOR/2016-152
Portable Hook-On Chairs	ASTM F1235-18; 16 CFR 1233
Toddler Beds	ASTM F1821-19e1, ASTM F1821-19e2; 16 CFR 1217
Infant Bedding and Related Accessories	ASTM F1917-20e1
Window Fall Prevention Devices for Non-Emergency Escape and Rescue Windows	ASTM F2006-21
Hand-Held Infant Carriers	ASTM F2050-19; 16 CFR 1225
Clothing Storage Units	ASTM F2057-23, ASTM F3096-23; 16 CFR 1261
Portable Bed Rails	ASTM F2085-19; 16 CFR 1224
Window Fall Prevention Devices with Emergency Escape Release Mechanisms	ASTM F2090-21
Bassinets and Cradles	ASTM F2194-13, ASTM F2194-16e, ASTM F2194-22e1; 16 CFR 1218 SOR/2016-152
Soft Infant Carriers	ASTM F2236-14, ASTM F2236-16a; 16 CFR 1226, EN 13209-2:2015
Diaper Changing Tables for Commercial Use	ASTM F2285-22
Baby Changing Tables for Domestic Use	ASTM F2388-21; 16 CFR 1235
Frame Child Carriers	ASTM F2549-14A, ASTM F2549-22; 16CFR 1230

Test/Tested Product

Test Method(s)

Children's and Juvenile Products cont'd

Children's Chairs and Stools	ASTM F2613-21, ASTM F2613-22; 16 CFR 1232
Booster Seats	ASTM F2640-14, ASTM F2640-18; 16 CFR 1237
Infant Bathtubs	ASTM F2670-22; 16 CFR1234
Sling Carriers	ASTM F2907-22; 16 CFR 1228; CEN/TR 16512
Bedside Sleepers	ASTM F2906-2; 16 CFR 1222
Crib Mattresses	ASTM F2933-21a; 16 CFR 1241
Infant Inclined Sleep Products	ASTM F3118-17a; 16 CFR 1236
Textile child care articles	BS EN 16779-1
Childcare Articles Drinking Equipment (baby bottles, sleepy cups)	EN 14350 Sec. 6, 7, 9 & 10
Child use and car articles- Cutlery and feeding utensils	EN 14372 (except 5.4.2.5 & 5.4.2.7)

Adult Products

Adult Portable Bed Rails and Related Products	ASTM F3186-17, 16 CFR 1270
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**Chemical Tests (Using Inductively Coupled
Plasma (ICP))**

Toy Substrate Materials, Eight Heavy Elements (Metals) in Toys and Children's Products	ASTM F963-17; F963-23 (Section 4.3.5.2); 16 CFR 1250
Surface Coating Materials, Soluble Test for , Eight Heavy Elements (Metals) in Toys and Children's Products	ASTM F963-17; F963-23 (Sections 4.3.5.1(2) and 4.3.5.2); 16 CFR 1250;

Test/Tested Product

Test Method(s)

Chemical Tests (Using Inductively Coupled Plasma (ICP)) cont'd

EN 12586 (except 5.3.5, 5.3.6, 5.3.8, 5.3.9, 5.3.10, 5.3.11)

Childrens Jewelry Nickel Screening

ASTM F2923-20;
12 CFR 12471, EN 12586 section 5.3.4

Lead and Cadmium Contamination in Ceramic Ware

ASTM F963-17; F963-23 (Section 4.3.3.2),
ASTM C 738-94(2016),
ASTM C 927-80(2014)

Chemical Tests

Lead in Children's Metal Products

CPSC-CH-E1001-08,
CPSC-CH-E1001-08.1,
CPSC-CH-E1001-08.2,
CPSC-CH-E1001-08.3;
EPA Method 3051A

Nickel Screening

CR 12471

Lead in Non-Metal Children's Products

CPSC-CH-E1002-08,
CPSC-CH-E1002-08.1,
CPSC-CH-E1002-08.2,
CPSC-CH-E1002-08.3;
EPA Method 3051A

Lead in Paint and Other Similar Surface Coatings

CPSC-CH-E1003-09,
CPSC-CH-E1003-09.1;
16 CFR 1303

Migration of Certain Elements (Using Gas Chromatography–Mass Spectrometry (GC-MS)):

EN 71-3

Phthalate Content

CPSC-CH-C1001-09.3,
CPSC-CH-C1001-09.4;
16 CFR 1307;
ASTM F2923-20;
REACH EC No. 1907/2006 – Annex XVII
EN 12586 (except 5.3.5, 5.3.6, 5.3.8, 5.3.9, 5.3.10, 5.3.11)

Volatiles

EN14350 (section 8.4.1)

Material Usage Verification

Post-Consumer Recycle Verification
-Software design, testing, and verification
-Artifact verification

Using the methods listed above per the requirements in California Senate Bill 270

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/>.

² This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Accredited Laboratory

A2LA has accredited

AM TESTING & SERVICES, INC.

Punta Gorda, FL

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 17th day of July 2023.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3180.01
Valid to July 31, 2025

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