



September 16, 2016

**VIA EMAIL**

UL Verification Services Inc.  
Arthur Rumpf  
1559 King Street  
Enfield CT 06082

**Re: Extension for ISO/IEC 17025: 2005 accreditation**

Dear Arthur:

This letter is to inform you that your accreditation for ISO/IEC 17025: 2005 will expire on September 18, 2016. We have granted you an extension of 60 days from the expiration date on your certificate and scope of accreditation. If you have any questions or concerns regarding this matter, please feel free to give me a call at 703-836-0025 x-206.

Regards,

A handwritten signature in black ink, appearing to read "Erica F. Collins".

Erica F. Collins  
Customer Support Supervisor

ANAB is Now the Home of



**LABORATORY  
ACCREDITATION  
BUREAU**





# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**UL Verification Services Inc.**  
**1559 King Street**  
**Enfield, CT 06082**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field(s) of

**TESTING**

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1344

Certificate Number

ANAB Approval

Certificate Valid To: 09/18/2016

Version No. 001

Issued: 08/26/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009*).



## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### UL Verification Services Inc.

1559 King Street, Enfield, CT 06082  
 Arthur Rumpf Phone: 860-835-2094  
 Arthur.l.rumpf@ul.com www.ul.com/consumer-products

### TESTING

Valid to: September 18, 2016

Certificate Number: AT - 1344

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Mechanical	Packaging	Label Inspection	ASTM F963-11 19 CFR 134.11 EN71-1	Caliper
Mechanical	Toys	Small Objects	ASTM F963-11, Section 4.6; EN 71-1, Section 8.2; 16 CFR 1501	CPSC Small Parts Cylinder
Mechanical	Toys	Accessible Edges	ASTM F 963-11, Section 4.7; EN 71-1, Sections 4.7, 7.6, 8.11; 16CFR1500.49	Sharp-Edge Tester
Mechanical	Toys	Projections	ASTM F 963-11, Section 4.8	Visual Observation
Mechanical	Toys	Accessible Points	ASTM F 963-11, Sect. 4.9; EN 71-1, Sections 4.8, 5.1, 7.6, 8.12; 16 CFR 1500.49	Sharp-point Tester
Mechanical	Toys	Flexure Test, Wires or Rods	ASTM F 963-11, Sections 4.10	Vise Shields, Fixture Tester
Mechanical	Toys	Nails and Fasteners	ASTM F 963-11, Sections 4.11	Visual Observation
Mechanical	Toys	Folding Mechanisms and Hinges	ASTM F 963-11, Sections 4.13	Scale, Timer, Rods

<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Toys	Cords, Straps and Elastics	ASTM F 963-11, Section 4.14 (with the exception of 4.14.4)	(1, 2 & 5) lb Weights, Head Probe, Tape Measure, Calipers
Mechanical	Toys	Stability and Overload Requirements	ASTM F 963-11, Sections 4.15	Angle Indicator, Scale, Tape Measure, Radar Speed Gun
Mechanical	Toys	Confined Spaces	ASTM F 963-11, Section 4.16	Tape Measure, Force Gauge
Mechanical	Toys	Wheels, Tires and Axles	ASTM F 963-11, Section 4.17	17025 Calibrated Use and Abuse Equipment
Mechanical	Toys	Holes, Clearance and Accessibility	ASTM F 963-11, Section 4.18	PIN Gauges, Rods
Mechanical	Toys	Simulated Protective Devices	ASTM F 963-11, Section 4.19	17025 Calibrated Use and Abuse Equipment
Mechanical	Toys, Children's Products	Pacifiers	ASTM F 963-11, Sections 4.20.1 & 4.20.2 (with the exception of Nitrosamine test) 16 CFR 1511	Pacifier Test Fixture Force Gauge Calipers Compression Disk
Mechanical	Toys	Projectile Toys	ASTM F 963-11, Section 4.21	Velocity Test Unit, Balance
Mechanical	Toys	Teethers and Teething Toys	ASTM F 963-11, Section 4.22	Rattle Fixture Supplemental Fixtures
Mechanical	Toys	Rattles	ASTM F 963-11, Section 4.23; 16 CFR 1510	Rattle Fixture Supplemental Fixtures
Mechanical	Toys	Squeeze Toys	ASTM F 963-11, Section 4.24	Rattle Fixture Supplemental Fixtures
Mechanical	Toys	Battery-Operated Toys	ASTM F 963-11, Section 4.25.1 thru 4.25.9	Calipers, Multi-Meter, Small Parts Cylinder
Mechanical	Toys	Toys Intended to be Attached to a Crib or Playpen	ASTM F 963-11, Section 4.26	Instruction review, Reference Section 4.14

<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Toys	Certain Toys with Spherical Ends	ASTM F963-11, Section 4.32	Test Fixture
Mechanical	Toys	Balls	ASTM F 963-11, Section 4.34; EN 71-1, Sections 4.22, 5.10, 7.18, 8.32	Small Ball Fixture
Mechanical	Toys	Pompoms	ASTM F 963-11, Sections 4.35	Small Ball Fixture Torque Gauge Force Gauge
Mechanical	Toys	Hemispheric-Shaped Objects	ASTM F 963-11, Section 4.36	Calipers, Protractor
Mechanical	Toys	Magnets	ASTM F 963-11, Section 4.38	DC Field Gauss Meter, Tape Measure, Calipers
Mechanical	Toys	Jaw Entrapment in Handles and Steering Wheels	ASTM F 963-11, Section 4.39	Blocks (2)
Mechanical	Toys	Impact / Drop Test	ASTM F 963-11, Section 8.7.1 16 CFR 1500.50 thru 16 CFR 1500.53	Specific tile per Federal Specification SS-T-312B
Mechanical	Toys	Tip Over Test	ASTM F 963-11, Section 8.7.2	Scale
Mechanical	Toys	Tumble Test	ASTM F 963-11, Section 8.7.3	Stair Assembly
Mechanical	Toys	Impact Test	ASTM F 963-11, Section 8.7.4	5/8" Steel Ball
Mechanical	Toys	Torque Tests for Removal of Components	ASTM F 963-11, Section 8.8 EN 71-1, Section 8.3 16 CFR 1500.50 thru 53	Torque Gauge
Mechanical	Toys	Tension Test for Removal of Components	ASTM F 963-11, Section 8.9 EN 71-1, Section 8.4 16 CFR 1500.50 thru 53	Force Gauge
Mechanical	Toys	Bite Test	16 CFR 1500.50 thru 16 CFR 1500.53	Force Gauge Bite Fixture

<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Stuffed Toys and Beanbag-Type Toys	Tension Test for Seams	ASTM F 963-11, Sections 4.27	Force Gauge & Seam Clamp
Mechanical	Toys	Compression Test	ASTM F 963-11, Section 8.10 EN 71-1, Section 8.8	Force Gauge
Mechanical	Toys	Impact	EN 71-1, Section 8.7	1 kg (2.2 lb) Weight
Mechanical	Toys	Drop	EN 71-1, Section 8.5	Steel Plate / Coating A Shore Hardness per EN ISO 868 or ISO 7619-2
Mechanical	Toys	Shape and Size of certain Toys	EN 71-1, Sections 5.8 & 8.16	Rattle test fixture Template A "■"
Mechanical	Toys	Materials	EN 71-1, Section 4.1 & Annex A.3	Visual
Mechanical	Toys	Assembly	EN 71-1 Section 4.2 & Annex A.4	Visual
Mechanical	Toys	Play Figures	EN 71-1 Sections 5.11 & 8.33	Supplemental Test fixture B "○"
Mechanical	Toys	Toy Chests	ASTM F 963-07e1, Sections 4.27, 6.2 & 7.2; ASTM F834	Protractor, Tape Measure, PIN Gauges
Mechanical	Toys	Washable Toys	ASTM F 963-11, Section 8.5.1	Ballast Scale: Detector T-10 Washing Machines: Kenmore 70 & 80 series, Ultimate Care II Dryers: Kenmore 70 series, 80 series, Quiet Pak II Digital Thermometer & 2 Probes
Mechanical	Toys	Flammability of Toys	EN 71-2, Section .4.1 (Excluding flammable liquids, gases and solids.)	Fume Hoods
Mechanical	Toys	Home Playground Equipment	ASTM F1148 EN 71-8	Test Fixtures and Probes Dimensional Gauges Accelerometers



<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Toys	Children's Chairs and Stools	ASTM F2613	Test Fixtures and Probes Dimensional Gauges
Mechanical	Textile Products	Dimensional Changes of Fabrics after Home Laundering	AATCC 135	Ballast Scale: Detector T-10 Dryers: Kenmore 70 series, 80 series, Quiet Pak II Digital Thermometer & Probes
Mechanical	Textile Products	Test Method for Mass Per Unit Area (Weight) of Fabric	ASTM D 3776	Analytical Balance
Mechanical	Textile Products	Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab)	ASTM D 5034; ISO 13934-2	Instron Universal Testing Machine
Mechanical	Textile Products	Dimensional Changes of Garments after Home Laundering	AATCC 150	Ballast Scale: Detector T-10 Washing Machines: Kenmore 70 & 80 series, Ultimate Care II Dryers: Kenmore 70 series, 80 series, Quiet Pak II Digital Thermometer & 2 Probes
Mechanical	Textile Products	Colorfastness to Crocking	AATCC 8; ISO 105-X12	Crockmeter AATCC Gray Scale Analytical Balance Macbeth Spectralight SPL-75B
Mechanical	Textile Products	Colorfastness to Perspiration	AATCC 15	Perspiration Tester AATCC Gray Scale
Mechanical	Textile Products	Colorfastness to Drycleaning	AATCC 132 ISO 105-D01	All Textiles
Mechanical	Textile Products	Colorfastness to Sea Water	AATCC 106	Perspiration Tester, Oven, Balance, AATCC Gray Scale
Mechanical	Textile Products	Colorfastness to Water	AATCC 107; ISO 105-E01	Perspiration Tester AATCC Gray Scale
Mechanical	Textile Products	Colorfastness to Chlorine Bleach: Spot Test	STR TP 0080	AATCC Gray Scales Macbeth Spectralight SPL-75B

<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Textile Products	Colorfastness to Non-Chlorine Bleach: Spot Test	STR TP 0130	AATCC Gray Scales Macbeth Spectralight SPL-75B
Mechanical	Textile Products	Colorfastness to Laundering, Home and Commercial: Accelerated	AATCC 61	Launderometer: Atlas Electrical Devices LEF Balance: Mettler BB1220 Macbeth Spectralight SPL-75B AATCC Gray Scale
Mechanical	Textile Products	Bursting Strength	ASTM D 6797	Tensile Tester w/ Ball Burst Attachment
Mechanical	Textile Products	Absorbency of Textiles	AATCC 79	Timer, Embroidery Hoop, Burette or Medicine Dropper
Mechanical	Vulcanized Rubber and Thermoplastic	Tensile Properties	ASTM D 412	Instron Universal Testing Machine: to 20 000 lb
Mechanical	Plastics	Tensile Properties	ASTM D 638; ISO 527-1 and 527-2	Instron Universal Testing Machine: to 20 000 lb
Mechanical	Plastics	Flexural Properties	ASTM D 790 (3-point); ISO 178 (3 point)	Instron Universal Testing Machine: to 20 000 lb
Mechanical	Plastics	Tensile Properties of Thin Plastic Sheeting	ASTM D 882	Instron Universal Testing Machine: to 20 000 lb
Mechanical	Plastics	Density and Specific Gravity (Relative Density)	ASTM D 792 (Method A) ISO 1183 (Method A)	Mettler Balance
Mechanical	Plastics	Melt Flow Rates	ASTM D 1238 (Procedure A)	Tinius Olsen Extrusion Plastometer
Mechanical	Plastics	Brittleness temperature	ASTM D 746	Brittleness Tester
Mechanical	Plastics	Deflection Temperature of Plastics	ASTM D 648 ISO 75-1 and 75-2	Heat Deflection Tester
Mechanical	Plastics	Charpy Impact	ATSM D6110 ISO 179-1	Pendulum-type Impact Tester Notch cutter



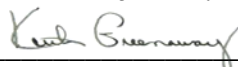
<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Plastic Materials	Dielectric Strength	ASTM D149	Phenix DS Tester Timer
Mechanical	Plastic Materials	Izod Impact	ASTM D256 (Except method D); ISO 180	Pendulum-type Impact Tester Notch cutter
Mechanical	Plastic Materials	Durometer Hardness	ASTM D2240, Type A and Type D	Durometer Hardness Tester
Mechanical	Plastics and Electrical Insulating Materials	Tensile Impact	ASTM D 1822	Pendulum Apparatus
Mechanical	Plastics and Electrical Insulating Materials	Rockwell Hardness	ASTM D 785	Rockwell Hardness Tester
Mechanical	Rubber, Flexible Polymers and Rubber Coated Fabrics	Brittleness temperature	ASTM D 2137	Brittleness Tester
Mechanical	Beds	Bunk beds	ASTM F1427 excluding sections 4.9 & 5.7; 16CFR1513, 16CFR1213	Calipers, tape measures, weights, balance
Mechanical	Beds	Toddler beds	ASTM F1821 16CFR 1217	Calipers, tape measures, weights, balance
Mechanical	Labels	Label Adhesion	ASTM D3359	Ruler, Cutting Tool
Chemical	Paint Layers, Coatings, Substrates	Lead	16 CFR Part 1303 (ASTM F2853-10)	HD-XRF
Chemical	Liquids and Solids	Flash Point - Closed Cup	ASTM D93; ISO 2719; IP 34; DIN 51758; FTM 791- 1102; AASHTO T73-811; or 16 CFR §1500.43a	Pensky-Martens Closed Cup Tester
Chemical	Jewelry	Gravimetric Assay for Gold (Au), Silver (Ag)	SOP# 3819 (ASTM E1335-4b Modified)	Analytical Balance
Chemical	Electrotechnical Products (Polymers, Electronics, Metals)	RoHS Compliance – Determination of Regulated Substances	IEC 62321 Part 3-1; Part 4; Part 5	X-Ray Fluorescence; ICP-OES ICP-MS



FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Chemical	Surface Coatings, Plastics, Polymeric Materials, Metal and Metal Alloys, Ceramic, Glass and Silicate Materials	Total Lead, Cadmium, Chromium, and Mercury	STR TP 0165 and 0166 RoHS Directives 16 CFR 1303 (CPSC- CH- E1003-09 or CPSC- CH-E1003-09-1) CPSC- CH- E1002-08	ICP-OES & ICP-MS Milestone Microwave Station
Chemical	Children's Products Containing Lead, Children's Metal Jewelry	Total Lead	CPSC-CH-E1001-08 STR TP 0179	ICP-OES & ICP-MS Milestone Microwave Station
Chemical	Ceramic, Glass and Silicate Materials	Total Lead, Cadmium, Chromium, and Mercury	STR TP 0167 RoHS Directives	ICP-OES & ICP-MS Milestone Microwave Station
Chemical	Toys	Surface Coating Materials – Soluble Test for Metals	ASTM F 963-11, Section 4.3.5.1 (2); EN71-3	ICP-OES & ICP-MS Milestone Microwave Station
Chemical	Toys	Toy Substrate Materials – Test for Metals	ASTM F 963-11, Section 4.3.5.2; EN71-3	ICP-OES & ICP-MS Milestone Microwave Station
Chemical	Toys, Child Care Items	Determination of Phthalates	CPSC-CH-C1001-09.3	GC-MS
Flammability	Textile Products	Flammability of Clothing Textiles	16 CFR 1610 ASTM D 1230	45° Angle Flame Tester
Flammability	Textile Products	Flammability of Children's sleepwear (Fabric or non-tight fitting garments)	16 CFR 1615 / 1616	Vertical Flame tester
Flammability	Plastic Materials	Flammability of Plastic Materials for Parts in Devices in Appliances	UL94, horizontal UL94, 20 mm vertical UL94, 125 mm vertical UL94, VTM UL94, Foamed Material, horizontal	UL Certified Fume Hoods Tenma Multimeter Millimeter Micrometer Gas Flow Meters
Dimensional	Packaging	Thickness	ASTM F963-11, Section 4.12, EN71-1 Sections 4.3, 5.3, 6, 8.25	Dial Thickness Gauge, Thickness Gauge
Acoustics	Toys	Sound Producing Toys	ASTM F963-11, Section 4.5	Sound Level Meter

**Notes:**

- \* = As Applicable
- This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1344



Vice President

