



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **SGS NORTH AMERICA, INC., CONNECTIVITY & PRODUCTS**

291 FAIRFIELD AVENUE, FAIRFIELD, NEW JERSEY 07004, U.S.A.

SATELLITE: 1 WASHINGTON AVENUE, FAIRFIELD, NEW JERSEY 07004, U.S.A.

### **Testing Laboratory TL-281**

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 May 11, 2025



*International Accreditation Service*

Issued under the authority of IAS management

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)

## SGS NORTH AMERICA, INC., CONNECTIVITY & PRODUCTS

[www.sgsgroup.us.com](http://www.sgsgroup.us.com)

Location	Address	Contact Name	Contact Phone	Scope pages
Main	291 Fairfield Avenue, Fairfield, New Jersey 07004, U.S.A.	Carlos Juarez	+1-973-461-1212	2-36
Satellite	1 Washington Avenue Fairfield, New Jersey 07004, USA	Carlos Juarez	+1-973-461-1212	36-41

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Automotive Lab	
ASTM B117	Standard practice for operating salt spray (fog) apparatus
CMVSS 209	Canadian motor vehicle safety standard
FMVSS 209	Seat belt assemblies
FMVSS 213	Child restraint systems (components only)
SAE Standards J386	Operator restraint systems for off-road work machines (except paragraph 4.4)
SOR/2010-90	Motor vehicle restraint systems and booster seats safety regulations
VESC 8	Minimum requirements for motorcyclists'- eye protection devices
Chemistry Lab	
16 CFR 1303	Ban of lead-containing paint and certain consumer products containing lead-containing paint
21 CFR 175.300	Food and drugs - indirect food additives: adhesives and components of coatings - resinous and polymeric coatings
21 CFR 176.170	Food and drugs - indirect food additives: paper and paperboard components - components of paper and paperboard in contact with aqueous and fatty foods
21 CFR 177.1010	Food and drugs - indirect food additives: polymers - acrylic and modified acrylic plastics, semi rigid and rigid (non-volatiles)
21 CFR 177.1210	Food and drugs - indirect food additives: polymers - acrylonitrile/ butadiene/ styrene co-polymer
21 CFR 177.1340	Food and drugs - indirect food additives: polymers - ethylene-methyl acrylate copolymer resins
21 CFR 177.1350	Food and drugs - indirect food additives: polymers - ethylene-vinyl acetate copolymers
21 CFR 177.1460	Food and drugs - indirect food additives: polymers - melamine-formaldehyde resins in molded articles

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21 CFR 177.1500	Food and drugs - indirect food additives: polymers - nylon resins
21 CFR 177.1520	Food and drugs - indirect food additives: polymers - olefin polymers
21 CFR 177.1550	Food and drugs - indirect food additives: polymers - perfluorocarbon resins
21 CFR 177.1580	Food and drugs - indirect food additives: polymers - polycarbonate resins
21 CFR 177.1630	Food and drugs - indirect food additives: polymers - polyethylene phthalate polymers
21 CFR 177.1640	Food and drugs - indirect food additives: polymers - polystyrene and rubber-modified polystyrene
21 CFR 177.1655	Food and drugs - indirect food additives: polymers - polysulfone resins
21 CFR 177.1660	Food and drugs - indirect food additives: polymers – poly (tetramethylene terephthalate)
21 CFR 177.1810	Food and drugs - indirect food additives: polymers - styrene block polymers
21 CFR 177.1830	Food and drugs - indirect food additives: polymers - styrene-methyl methacrylate copolymers (non-volatiles)
21 CFR 177.1900	Food and drugs - indirect food additives: polymers - urea-formaldehyde resins in molded articles
21 CFR 177.1950	Food and drugs - indirect food additives: polymers – vinyl chloride-ethylene copolymers
21 CFR 177.2420	Food and drugs - indirect food additives: polymers - polyester resins, cross-linked
21 CFR 177.2450	Food and drugs - indirect food additives: polymers - polyamide-imide resins
21 CFR 177.2460	Food and drugs - indirect food additives: polymers – poly (2,6-dimethyl-1,4-phenylene) oxide resins
21 CFR 177.2465	Food and drugs - indirect food additives: polymers-polymethylmethacrylate/poly(trimethoxysilylpropyl) methacrylate copolymers
21 CFR 177.2470	Food and drugs - indirect food additives: polymers - polyoxymethylene copolymer
21 CFR 177.2480	Food and drugs - indirect food additives: polymers - polyoxymethylene homopolymer
21 CFR 177.2600	Food and drugs - indirect food additives: polymers - rubber articles intended for repeated use
21 CFR 180.22	Food additives permitted in food or in contact with food on an interim basis pending additional study in acrylonitrile copolymers
21 CFR 181.32	Prior-sanctioned food ingredients, acrylonitrile copolymers and resins
AATCC TM 81	pH of the water-extract from wet processed textiles
AATCC TM 94	Identification of finishes in textiles (determination of formaldehyde, spot test)
AATCC TM 112	Determination of formaldehyde release from fabric - sealed jar method

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AOAC 973.32	Lead and cadmium extracted from ceramicware
AOAC 974.02	Lead in paint
ASTM C738	Standard test method for lead and cadmium extracted from glazed ceramic surfaces (CA Prop 65 and FDA CPG)
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
ASTM E1252	Standard practice for general techniques for obtaining infrared spectra for qualitative analysis
ASTM E1613	Standard test method for determination of lead by inductively coupled plasma atomic emission spectrometry (ICP-AES)
ASTM E1645	Standard test method for determination of lead by inductively coupled plasma atomic emission spectrometry (ICP-AES)
ASTM F2617	Standard test method for identification and quantification of chromium, bromine, cadmium, mercury, and lead in polymeric material using energy dispersive x-ray spectrometry
ASTM F2853	Standard test method for determination of lead in paint layers and similar coatings or in substrates and homogenous materials by energy dispersive x-ray
ASTM F963-23	Standard consumer safety specification for toy safety (only for clauses listed)
ASTM F963-23 Clause 4.3.3.2	Ceramicware, lead, and cadmium contamination
ASTM F963-23 Clause 4.3.5.1	Paint and similar surface-coating materials
ASTM F963-23 Clause 4.3.5.2	Toy substrate materials
ASTM F963-23 Clause 4.3.7	Stuffing materials
ASTM F963-23 Clause 8.3.5	Soluble element test method for substrate materials
BS 6748	Specification for limits of metal release from ceramic ware, glassware, glass ceramic ware and vitreous enamel ware
BS EN 1122:2001	Determination of cadmium in plastic (method B)
BS EN 1388	Materials and articles in contact with foodstuffs – silicate surfaces - determination of the release of lead and cadmium from ceramic ware
BS EN ISO 14184-1	Textiles - determination of formaldehyde - free and hydrolyzed formaldehyde (water extraction method)
BS EN ISO 14184-2	Textiles - determination of formaldehyde - part 2: released formaldehyde (vapor absorption method)
BSI PD CR 12471	Screening tests for nickel release from alloys and coatings in items that come into direct and prolonged contact with the skin

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CAN/CGSB 4.2 No. 74	Textiles -- Determination of pH of aqueous extract
CEN/TS 14495	Determination of chromium VI content in leather
Chinese Standard GB 18582	Indoor decorating and refurbishing materials - limit of harmful substances of interior architectural coatings (annex C)
Chinese Standard GB/T 17592	Textiles - determination of the banned azo colourants
Chinese Standard GB/T 22048	Toys and children's products - determination of phthalate plasticizers in polyvinyl chloride plastic (English)
Chinese Standard GB/T 23344	Textiles - Determination of 4-aminoazobenzene
Chinese Standard GB/T 2912.1	Textiles -- determination of formaldehyde -- part 1: free and hydrolysed formaldehyde (water extraction method)
Chinese Standard GB/T 7573	Textiles -- determination of pH of aqueous extract
CPSC 2/3/2005	Standard operating procedure for determining lead and its availability in children's metal jewelry
CPSC-CH-C1001-09.4	Standard operating procedure for determination of phthalates
CPSC-CH-E1001-08.1	Standard operating procedure for determining total lead (Pb) in children's metal products
CPSC-CH-E1002-08.1	Standard operating procedure for determining total lead (Pb) in non-metal children's products (including children's metal jewelry)
CPSC-CH-E1003-09.1	Standard operating procedure for determining lead (Pb) in paint and other similar surface coatings
CPSC-CH-EE1004-11	Standard operating procedure for determining cadmium (Cd) extractability from children's metal jewelry
DIN 53314	Determination of content of chromium (VI) in leather
DIN 53315	Testing of leather - determination of formaldehyde content in leather (method A)
DIN 54231	Textile-determination of dyes after methanol extraction
ISO 17075	Determination of chromium (VI) content in leather
SOP 3352-016 and 3352-017	Determination of substances of very high concern (SVHC) for compliance with article 57 of EC 1907/2006
SOP 3352-034	Determination of Pb, Cd, Hg, and Cr(VI) for compliance with article 11 of the European parliament and council directive 94/62/EC packaging and packaging waste declaration certificate
SOP 3352-059	Determination of PFOS and PFOA for compliance with M14 of appendix 6, entry 30 reproductive toxicants: category 1B of the EC No. 1907 regulation concerning registration, evaluation, authorization and restriction of chemicals (REACH) and, Article 7(4)(b) of regulation no. 850/2004 of the European parliament and of the

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	council of 29 April 2004 on persistent organic pollutants and amending directive 79/117/EEC
EN 71-3	Migration of certain elements specifies requirements and test methods for the migration of 19 elements including determination of chromium VI content
EN 1811	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin
EN 12472	Wear and corrosion test for the detection of nickel release from coated items
EN 14582	Determination of fluoride, chloride, nitrite, bromide, nitrate, sulfur, and iodide by oxygen bomb combustion followed by analysis using ion chromatography
EN ISO 14362-1	Textiles - methods for determination of certain aromatic amines derived from azo colorants - detection of the use of certain azo colorants accessible with and without extracting the fibers
EN ISO 14362-2	Textiles - methods for the determination of certain aromatic amines derived from azo colorants - detection of the use of certain azo colorants accessible by extracting the fibers
EPA 3050B	Acid digestion of sediments, sludges and soils
EPA 3051	Microwave assisted acid digestion of sediments, sludges, soils and oils
EPA 3051A	Microwave assisted acid digestion of sediments, sludges, soils, and oils using microwave heating with a suitable laboratory microwave unit
EPA 3052	Microwave assisted acid digestion of siliceous and organically based matrices using microwave heating with a suitable laboratory microwave system
EPA 3060A	Alkaline digestion for hexavalent chromium
EPA 3540C	Soxhlet extraction
EPA 3550C	Ultrasonic extraction
EPA 6010C	Inductively coupled plasma-atomic emission spectrometry
EPA 7196A	Chromium, hexavalent (colorimetric) in ground waters- dissolved hexavalent chromium determined calorimetrically by reaction with diphenylcarbazide in acid solution
FDA Elemental Analysis Manual-(EAM) §4.6	Inductively coupled plasma atomic emission spectrometric determination of cadmium
FDA/ORA Section 545.400 (CPG 7117.06)	Import and domestic pottery (ceramics) – determination of cadmium contamination
FDA/ORA Section 545.450 (CPG 7117.07)	Pottery (ceramics) - imported and domestic – lead contamination
Health Canada Test Method- C-02.2 (Pb)	Determination of total lead in surface coating in consumer products
Health Canada Test Method- C-02.3 (Pb)	To determine Pb and Cd in PVC

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Health Canada Test Method- C-02.4 (Pb)	Standard operating procedure for determining total lead (Pb) in children's metal products (including children's metal jewelry)
Health Canada Test Method- C-03	Canadian toy safety standard method
Health Canada Test Method- C-07 (Hg)	Determination of total mercury in surface coating materials, applied coatings, and cosmetic samples (C07) effective 2015-06-15
Health Canada Test Method- C-28	Beilstein test
IEC 62321	Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated diphenyls, polybrominated diphenyl ethers) (annex A)
IEC 62321-8	Phthalates- GC/MS
ISO 3071	Textiles - determination of pH of aqueous extract
ISO 4045	Leather - chemical tests - determination of pH
ISO 8124-3	Safety of toys - part 3: migration of certain elements
ISO 17234-1	Leather-chemical tests for the determination of certain azo colorants in dyed leathers - part 1: determination of certain aromatic amines derived from azo colorants
ISO 17234-2	Leather-chemical tests for the determination of certain azo colorants in dyed leathers - part 2: determination of 4-aminoazobenzene
ISO 17353	Total organic tin compound – GC/MS
ISO 18254-1	Alkyl phenols (AP) and alkyl phenol ethoxylates (APEO)-LC/MS
ISO 20471	High visibility clothing (clause 4.2 only)
Japan Toys Safety Standard ST 2002 9th Ed. Part 3 Clause 1.6.2-2	Determination of total formaldehyde in paint or adhesive
JIS L 1041	Standard specifies the analysis and determination methods for resin of resin finished textiles (including lace), and the determination method of free formaldehyde
Mercosur NM 300-3	Safety of toys - part 3: migration of certain elements
NIOSH 9100	Determination of Pb and Cd in surface wipe of ceramic or glassware for CA Prop 65
PFOS/PFOA	Emerging contaminants fact sheet (fully fluorinated, organic compounds)
Residual Monomers	Determining the residual monomer content of polymers
SOP 3352-016	Determination of substances of very high concern (SVHC)
SOP 3352-017	Determination of substances of very high concern (SVHC)
SOP 3352-056	BPA in plastics, coatings and organic material
SOP 3352-059	PFOS/PFOA (EC 850/2004)/(EC 1907/2006)

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TPCH	Toxic in packaging clearing house determination of total formaldehyde in paint or adhesive
XRF	Determination of heavy metals by X-ray fluorescence (XRF)
<b>CPCH Lab</b>	
ASTM D1172	Standard guide for pH of aqueous solutions of soaps and detergents
ASTM D1173	Standard test method for foaming properties of surface-active agents
ASTM D2022	Standard test methods of sampling and chemical analysis of chlorine-containing bleaches – chlorine – available chlorine
ASTM D3556	Standard test method for deposition on glassware during mechanical dishwashing
AATM D4008	Standard guide for measuring anti-soil deposition properties of laundry detergents
ASTM D4009	Standard guide for foam stability of hand dishwashing detergents
ASTM D4265	Standard guide for evaluating stain removal performance in home laundering
ASTM D5237	Standard guide for evaluating fabric softeners
ASTM D5343	Standard guide for evaluating cleaning performance of ceramic tile cleaners
CSPA DCC-05A	Deposition on glassware during mechanical dishwashing
CSPA DCC-09	Standard guide for evaluating the filming and streaking of glass cleaners
CSPA DCC-09A	Glass cleaners
CSPA DCC-10	Foam stability of hand dishwashing detergents
CSPA DCC-11	Home laundering pre-wash spotter stain removal
CSPA DCC-12	Guidelines for screening the efficacy of oven cleaners
CSPA DCC-13	Fabric softeners
CSPA DCC-14	Guidelines for anti-redeposition properties of laundry products
CSPA DCC-15	Guidelines for measuring degree of surface abrasion by abrasive cleaners
CSPA DCC-16	Guidelines for evaluating the efficacy of bathroom cleaners- scrubber test for measuring the removal of lime soap
CSPA DCC-17	Guidelines for greasy soil test method for evaluating spray-and-wipe cleaners used on hard, non-glossy surfaces
<b>Furniture Lab at 291 Fairfield Avenue, Fairfield, N.J. 07004</b>	
AS/NZ 3847.1	Shopping trolleys for general use
ASTM C149	Standard test method for thermal shock resistance of glass containers
ASTM F400	Standard consumer safety specification for lighters
ASTM F400-10	Standard Consumer safety specification for lighters
ASTM F2058	Standard specification for candle fire safety labelling

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ASTM F2179	Standard specification for annealed soda-lime-silicate glass containers that are produced for use as candle containers
ASTM F2201-10	Standard consumer safety specification for utility lighters
ASTM F2417	Standard specification for fire safety for candles
ASTM F2601	Standard specification for fire safety for candle accessories
CCMC 07102	Technical guide for sheathing, membrane breather-type, Canadian construction materials center
EN 15493	Candle- specification for fire safety
<b>Furniture Lab at 1 Washington Ave, Fairfield NJ 07004</b>	
ANSI/BIFMA X5.1	American national standard for office furnishings -general purpose office chairs – tests
ANSI/BIFMA X5.3	Vertical files
ANSI/BIFMA X5.4	Lounge and public seating
ANSI/BIFMA X5.5	Desk products
ANSI/BIFMA X5.6	Panel systems
ANSI/BIFMA X5.9	Storage units
ANSI/BIFMA X5.11	Large occupant office chairs
ANSI/BIFMA X6.1	Educational seating
ANSI/BIFMA X6.4	Occasional use seating
ANSI/KCMA A161.1	Kitchen cabinets
ANSI/SOHO S6.5	Small office home office furniture
ASTM C368	Standard test method for impact resistance of ceramic tableware
ASTM F1912	Specification for safety of bean bag chairs
CAN/CGSB 44.1	Vertical filing cabinets, steel
CAN/CGSB 44.17	Stationery storage cabinets, steel
CAN/CGSB 44.2	Lateral Filing cabinets, steel
CAN/CGSB 44.220M	Metal-Frame chairs with sled base
CAN/CGSB 44.232	Task chairs for office environments
EN 1270	Candles - specification for fire safety
EN 1335-1	Office furniture - office work chair-dimensions - determination of dimensions
EN 1335-2	Office furniture- office work chair- safety requirements
EN 1335-3	Office furniture- office work chair- test methods
GSA/3FNE 99-582D	Safety and performance test requirements for bunkable and loftable beds, beds with drawers and drawer units for use under beds

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GSA/FNAE 80-214a	Upholstered furniture test method
GSA/FNEW 83-269E	Federal standard performance test method for intensive use chairs
<b>Materials Lab</b>	
16 CFR 1203	Bicycle helmets
ANSI A14.1	American national standards for ladders - wood safety requirements
ANSI A14.2	American national standards for ladders - portable metal - safety requirements
ANSI A14.5	American national standards for ladders - portable reinforced plastic - safety requirements
ASTM B117	Standard practice for operating salt spray (fog) apparatus
ASTM C120	Standard test methods for flexure testing of structural and roofing slate
ASTM C121	Standard test method for water absorption of slate
ASTM C165	Standard test method for measuring compressive properties of thermal insulations
ASTM C167	Standard test methods for thickness and density of blanket or batt thermal insulations
ASTM C203	Standard test methods for breaking load and flexural properties of block-type thermal insulation
ASTM C272	Standard test method for water absorption of core materials for sandwich constructions
ASTM C303	Standard test method for dimensions and density of preformed block and board-type thermal insulation
ASTM C365	Standard test method for flatwise compressive properties of sandwich cores
ASTM C373	Standard test method for water absorption, bulk density, apparent porosity, and apparent specific gravity of fired whiteware products, ceramic tiles, and glass tiles
ASTM C484	Standard test method for thermal shock resistance of glazed ceramic tile
ASTM C501	Standard test method for relative resistance to wear of unglazed ceramic tile by the Taber® Abraser
ASTM C739	Standard specification for cellulosic fiber loose-fill thermal insulation
ASTM C880	Standard test method for flexural strength of dimension stone
ASTM C99	Standard test method for modulus of rupture of dimension stone
ASTM D149	Standard test method for dielectric breakdown voltage and dielectric strength of solid electrical insulating materials at commercial power frequencies
ASTM D150	Standard test methods for AC loss characteristics and permittivity (dielectric constant) of solid electrical insulation
ASTM D178	Standard specification for rubber insulating matting
ASTM D257	Standard test methods for DC resistance or conductance of insulating materials

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ASTM D374	Standard test methods for thickness of solid electrical insulation
ASTM D395	Standard test methods for rubber property — compression set
ASTM D412	Standard test methods for vulcanized rubber and thermoplastic
ASTM D495	Standard test method for high-voltage, low-current, dry arc resistance of solid electrical insulation
ASTM D543	Standard practices for evaluating the resistance of plastics to chemical reagents
ASTM D570	Standard test method for water absorption of plastics
ASTM D573	Standard test method for rubber—deterioration in an air oven
ASTM D618	Standard practice for conditioning plastics for testing
ASTM D624	Standard test method for tear strength of conventional vulcanized rubber and thermoplastic elastomers
ASTM D638	Standard test method for tensile properties of plastics active standard (latest version)
ASTM D695	Standard test method for compressive properties of rigid plastics
ASTM D696	Standard test methods for flexural properties of unreinforced and reinforced plastics and electrical insulating materials
ASTM D732	Standard test method for shear strength of plastics by punch tool
ASTM D746	Standard test method for brittleness temperature of plastics and elastomers by impact
ASTM D756	Practice for determination of weight and shape changes of plastics under accelerated service conditions
ASTM D790	Standard test method for flexural properties of unreinforced and reinforced plastics and electrical insulating materials
ASTM D877	Standard test method for dielectric breakdown voltage of insulating liquids using disk electrodes
ASTM D882	Standard test method for tensile properties of thin plastic sheeting
ASTM D897	Standard test method for tensile properties of adhesive bonds
ASTM D903	Standard test method for peel or stripping strength of adhesive bonds
ASTM D905	Standard guide for deposition on glassware during mechanical dishwashing
ASTM D906	Standard test method for strength properties of adhesives in plywood type construction in shear by tension loading
ASTM D924	Standard test method for dissipation factor (or power factor) and relative permittivity (dielectric constant) of electrical insulating liquids
ASTM D1000	Standard test methods for pressure-sensitive adhesive-coated tapes used for electrical and electronic applications
ASTM D1002	Standard test method for apparent shear strength of single-lap-joint adhesively bonded metal specimens by tension loading (metal-to-metal)

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ASTM D1003	Standard test method for haze and luminous transmittance of transparent plastics
ASTM D1004	Standard test method for tear resistance (graves tear) of plastic film and sheeting
ASTM D1042	Standard test method for linear dimensional changes of plastics caused by exposure to heat and moisture
ASTM D1169	Standard test method for specific resistance (resistivity) of electrical insulating liquids
ASTM D1203	Standard test methods for volatile loss from plastics using activated carbon methods
ASTM D1204	Standard test method for linear dimensional changes of non-rigid thermoplastic sheeting or film at elevated temperature
ASTM D1238	Standard test method for melt flow rates of thermoplastics by extrusion plastometer
ASTM D1434	Standard test method for determining gas permeability characteristics of plastic film and sheeting
ASTM D1505	Standard test method for density of plastics by the density-gradient technique
ASTM D1621	Standard test method for compressive properties of rigid cellular plastics
ASTM D1622	Standard test method for apparent density of rigid cellular plastics
ASTM D1623	Standard test method for tensile and tensile adhesion properties of rigid cellular plastics
ASTM D1693	Standard test method for environmental stress-cracking of ethylene plastics
ASTM D1709	Standard test methods for impact resistance of plastic film by the free-falling dart method
ASTM D1781	Standard test method for climbing drum peel for adhesives
ASTM D1790	Standard test method for brittleness temperature of plastic sheeting by impact
ASTM D1876	Standard test method for peel resistance of adhesives (t- peel test)
ASTM D1894	Standard test method for static and kinetic coefficients of friction of plastic film and sheeting
ASTM D1922	Standard test method for propagation tear resistance of plastic film and thin sheeting by pendulum method
ASTM D2126	Standard test method for response of rigid cellular plastics to thermal and humid aging
ASTM D2137	Standard test methods for rubber property – brittleness point of flexible polymers and coated fabrics
ASTM D2240	Standard test method for rubber property—durometer hardness
ASTM D2261	Standard test method for tearing strength of fabrics by the tongue (single rip) procedure (constant-rate-of-extension tensile testing machine)

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ASTM D2583	Standard test method for indentation hardness of rigid plastics by means of a barcol impressor
ASTM D2584	Standard test method for ignition loss of cured reinforced resins
ASTM D2842	Standard test method for water absorption of rigid cellular plastics
ASTM D3574	Standard Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams (methods A, B1, B2, C, D, E, F, I1, K, L, and N only)
ASTM D5151-19	Standard Test Method for Detection of Holes in Medical Gloves
ASTM E96	Standard test methods for water vapor transmission of materials
ASTM E605	Standard test methods for thickness and density of sprayed fire-resistive material (SFRM) applied to structural members
ASTM E736	Standard test method for cohesion/adhesion of sprayed fire-resistive materials applied to structural members
ASTM E759	Standard test method for effect of deflection on sprayed fire-resistive material applied to structural members
ASTM E760	Standard test method for effect of impact on bonding of sprayed fire-resistive material applied to structural members
ASTM E761	Standard test method for compressive strength of sprayed fire-resistive material applied to structural members
ASTM E937	Standard test method for corrosion of steel by sprayed fire-resistive material (SFRM) applied to structural members
ASTM F1216	Standard practice for rehabilitation of existing pipelines and conduits by the inversion and curing of a resin- impregnated tube
ASTM F1249	Standard test method for water transmission rate through plastic film and sheeting using a modulated infrared sensor
ICC ES AC338	Rehabilitation of existing building sewers by the inversion and curing of resin-impregnated tube (test methods referenced in section 3.0)
<b>Paper &amp; Packaging Lab</b>	
49 CFR 173.124	Regulations for shipping of flammable solids (class 4, divisions 4.1, 4.2 and 4.3)
ASTM D585	Standard practice for sampling and accepting a single lot of paper, paperboard, fiberboard, and related product
ASTM D586	Standard test method for ash in pulp, paper, and paper products
ASTM D589	Standard test method for opacity of paper (15° diffuse illuminant A, 89% reflectance backing and paper backing)
ASTM D590	Standard test method for petroleum wax in paper
ASTM D644	Standard test method for moisture content of paper and paperboard by oven drying
ASTM D645/D645M	Standard test method for thickness of paper and paperboard

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ASTM D646	Standard test method for mass per unit area of paper and paperboard of aramid papers (basis weight)
ASTM D685	Standard practice for conditioning paper and paper products for testing
ASTM D689	Standard test method for internal tearing resistance of paper
ASTM D774/D774M	Standard test method for bursting strength of paper
ASTM D776	Standard test method for determination of effect of dry heat on properties of paper and board
ASTM D778	Standard test methods for hydrogen ion concentration (pH) of paper extracts (hot-extraction and cold-extraction procedures)
ASTM D779	Standard test method for determining the water vapor resistance of sheet materials in contact with liquid water by the dry indicator method
ASTM D780	Standard test method for printing ink permeation of paper (castor oil test)
ASTM D824	Standard test method for rate of absorption of water by bibulous papers
ASTM D828	Standard test method for tensile properties of paper and paperboard using constant-rate-of-elongation apparatus
ASTM D829	Standard test methods for wet tensile breaking strength of paper and paper products
ASTM D887	Standard practices for sampling water-formed deposits
ASTM D951	Standard test method for water resistance of shipping containers by spray method
ASTM D985	Standard test method for brightness of pulp, paper, and paperboard (directional reflectance at 457 nm)
ASTM D2019	Standard test method for dirt in paper and paperboard
ASTM D2175	Standard test method for book bulk and book bulking number of paper
ASTM D2176	Standard test method for folding endurance of paper by the M.I.T. tester
ASTM D2578	Standard test method for wetting tension of polyethylene and polypropylene films
ASTM D3285	Standard test method for water absorptiveness of non-bibulous paper and paperboard (Cobb test)
ASTM D5265	Standard test method for bridge impact testing
ASTM D7660	Standard guide for conducting internal pressure tests on United Nations (UN) packaging
ASTM F88	Standard test method for seal strength of flexible barrier materials
ASTM G152	Standard practice for operating open flame carbon arc light apparatus for exposure of nonmetallic materials
ICC ES AC38	Water-resistive barriers (test methods referenced in section 4.0)

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ICC ES AC48	Self-adhered roof underlayments for use as ice barriers (test methods referenced in section 4.0)
ICC ES AC188	Roof underlayments (test methods referenced in table 1)
ICC ES AC207	Polypropylene roof underlayments (test methods referenced in section 4.0)
ISO 7886-1	Sterile hypodermic syringes for single use - part 1: syringes for manual use
ISO 7886-2	Sterile hypodermic syringes for single use - part 2: syringes for use with power-driven syringe pumps
TAPPI T 400	Sampling and accepting a single lot of paper, paperboard, containerboard, or related product
TAPPI T 402	Standard conditioning and testing atmospheres for paper, board, pulp hand sheets and related products
TAPPI T 403	Bursting strength of paper
TAPPI T 404	Tensile breaking strength and elongation of paper and paperboard (using pendulum-type tester)
TAPPI T 405	Petroleum wax in impregnated papers
TAPPI T 410	Grammage of paper and paperboard (weight per unit area)
TAPPI T 411	Thickness (caliper) of paper, paperboard, and combined board
TAPPI T 412	Moisture in pulp, paper and paperboard
TAPPI T 413	Ash in wood, pulp, paper and paperboard: combustion at 900°C
TAPPI T 414	Internal tearing resistance of paper (Elmendorf-type method)
TAPPI T 423	Folding endurance of paper (Schopper type tester)
TAPPI T 425	Opacity of paper (15/d geometry, illuminant A/2°, 89% reflectance backing and paper backing)
TAPPI T 432	Water absorbency of bibulous papers
TAPPI T 433	Water resistance of sized paper and paperboard (dry indicator method)
TAPPI T 435	Hydrogen ion concentration (pH) of paper extracts (hot extraction method)
TAPPI T 437	Dirt in paper and paperboard
TAPPI T 441	Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test)
TAPPI T 448	Water vapor transmission rate of paper and paperboard at 23°C and 50% RH
TAPPI T 452	Brightness of pulp, paper, and paperboard, (directional reflectance at 457 nm)
TAPPI T 453	Effect of dry heat on properties of paper and board
TAPPI T 454	Turpentine test for void in glassine and greaseproof papers
TAPPI T 455	Identification of wire side of paper
TAPPI T 456	Tensile breaking strength of water-saturated paper and paperboard (—wet tensile strength)

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TAPPI T 459	Surface strength of paper (wax pick test)
TAPPI T 460	Air resistance of paper (Gurley method)
TAPPI T 462	Castor oil penetration test for paper
TAPPI T 464	Water vapor transmission rate of paper and paperboard at high temperature and humidity
TAPPI T 465	Static creasing of paper for water vapor transmission tests
TAPPI T 476	Abrasion loss of paper and paperboard (Taber-type method)
TAPPI T 489	Bending resistance (stiffness) of paper and paperboard (Taber-type tester in basic configuration)
TAPPI T 491	Water immersion test of paperboard
TAPPI T 494	Tensile properties of paper and paperboard (using constant rate of elongation apparatus)
TAPPI T 496	Specimen preparation for cross directional internal tearing resistance for paper, paperboard and related materials
TAPPI T 498	Softness of sanitary tissues
TAPPI T 500	Book bulk and bulking number of paper
TAPPI T 503	Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard) (inclined plane method)
TAPPI T 509	Hydrogen ion concentration (pH) of paper extracts (cold extraction method)
TAPPI T 511	Folding endurance of paper (M.I.T. tester)
TAPPI T 512	Creasing of flexible packaging material paper specimens for testing
TAPPI T 521	Blocking resistance of gummed flat papers
TAPPI T 538	Roughness of paper and paperboard (Sheffield method)
TAPPI T 539	Determination of polyethylene (resin) adhesion to porous substrates
TAPPI T 542	Coefficient of friction (angle of slide) of packaging papers (inclined plane method)
TAPPI T 548	Coefficient of static friction of uncoated writing and printing paper by use of the inclined plane method
TAPPI T 549	Coefficients of static and kinetic friction of uncoated writing and printing paper by use of the horizontal plane method
TAPPI T 550	Determination of equilibrium moisture in pulp, paper and paperboard for chemical analysis
TAPPI T 801	Test methods for impact resistance of fiberboard shipping containers
TAPPI T 802	Test method for drop test for fiberboard shipping containers
TAPPI T 803	Puncture test of container board

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TAPPI T 804	Standard test method for determining compressive resistance of shipping containers, components, and unit loads
TAPPI T 807	Bursting strength of linerboard - test method
TAPPI T 808	Flat crush test of corrugated board (flexible beam method)
TAPPI T 810	Bursting strength of corrugated board
TAPPI T 811	The edge crush test (ECT)
TAPPI T 812	13 ply separation of solid and corrugated fiberboard (wet)
TAPPI T 813	Tensile test for the manufacturer's joint of fiberboard shipping containers
TAPPI T 815	Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard)
TAPPI T 816	Coefficient of static friction of corrugated and solid fiberboard (horizontal plane method)
TAPPI T 817	Vibration test for fiberboard shipping containers
TAPPI T 818	Ring crush of paperboard (rigid support method)
TAPPI T 819	Water absorption of corrugating medium
TAPPI T 821	Pin adhesion of corrugated board
TAPPI T 827	Box blank dimensioning
TAPPI T 829	Score quality test
<b>Paper &amp; Packaging Lab at 1 Washington Ave, Fairfield NJ 07004</b>	
6-FEDEX-A	Instructions for the FedEx package test application FedEx procedures for testing packaged products up to 150 lbs
6-FEDEX-B	Instructions for the FedEx package test application FedEx procedures for testing packaged products more than 150 lbs
ASTM D642	Standard test method for determining compressive resistance of shipping containers, components, and unit loads
ASTM D880	Standard test method for impact testing for shipping containers and systems
ASTM D999	Standard test methods for vibration testing of shipping containers
ASTM D4169	Standard practice for performance testing of shipping containers and systems
ASTM D5276	Standard test method for drop test of loaded containers by free fall
ISTA Protocol 1A	ISTA 1 series non-simulation integrity performance test procedure: packaged-products 150 lb (68 kg) or less
ISTA Protocol 1B	ISTA 1 series non-simulation integrity performance test procedure: packaged-products over 150 lb (68 kg)
ISTA Protocol 1C	ISTA 1 series non-simulation integrity performance test procedure: extended testing for packaged-products 150 lb (68 kg) or less

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ISTA Protocol 1D	ISTA 1 series non-simulation integrity performance test procedure: extended testing for packaged-products over 150 lb (68 kg)
ISTA Protocol 1E	ISTA 1 series non-simulation integrity performance test procedure: unitized loads of same product
ISTA Protocol 1G	ISTA 1 series non-simulation integrity performance test procedure: packaged-products 150 lb (68 kg) or less (random vibration)
ISTA Protocol 1H	ISTA 1 series non-simulation integrity performance test procedure: packaged-products over 150 lb (68 kg) (random vibration)
ISTA Protocol 2A	ISTA 2 series partial-simulation performance test procedure: packaged-products 150 lb (68 kg) or less
ISTA Protocol 2B	ISTA 2 series partial-simulation performance test procedure: packaged-products over 150 lb (68 kg)
ISTA Protocol 2C	ISTA 2 series partial-simulation performance test procedure: furniture packages
ISTA Protocol 3A	ISTA 3 series general simulation performance test procedure: packaged-products for parcel delivery system shipment 70 kg (150 lb) or less
ISTA Protocol 3B	ISTA 3 series packaged-products for less-than-truckload (LTL) shipment
ISTA Protocol 3E	ISTA 3 series general simulation performance test procedure: unitized loads of same product
ISTA Protocol 3F	ISTA 3 series general simulation performance test procedure: packaged products for distribution center to retail outlet shipment 100 lb (45 kg)
ISTA Protocol 3H	ISTA 3 series general simulation performance test procedure: products or packaged-products in mechanically handled bulk transport containers
ISTA Protocol 4AB	ISTA 4AB series packaged-products for shipment in known distribution channels
ISTA Protocol 7D	ISTA 7 series development test project: thermal controlled transport packaging for parcel delivery system shipment
ISTA Protocol 7E	ISTA 7 series testing standard for thermal transport packaging used in parcel delivery system shipment
<b>Textile Fire Lab</b>	
14 CFR 25 -Appendix F Part I (b)(4)	Flammability requirements of aircraft – vertical test
14 CFR 25 -Appendix F Part I (b)(5)	Flammability requirements of aircraft- horizontal test
14 CFR 25 -Appendix F Part I (b)(6)	Flammability requirements of aircraft- 45 degree test
16 CFR 1610 (CPSC CS 191-53)	Flammability of clothing textiles
16 CFR 1611	Flammability of vinyl plastic film
16 CFR 1615	Flammability of children's sleepwear (sizes 0 through 6x)

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16 CFR 1616	Flammability of children's sleepwear (sizes 7 through 14)
16 CFR 1630	Surface flammability of carpets and rugs
16 CFR 1631	Surface flammability of small carpets and rugs
16 CFR 1632	Flammability of mattresses and mattress pads
49 CFR 571.302	Federal motor vehicle safety standards - standard no. 302: Flammability of interior materials (FMVSS 302)
AATCC Technical Supplement TS 001	Colorfastness to chlorine bleach and non-chlorine bleach (spot/soak tests)
ASTM D1230	Standard test method for flammability of apparel textiles
ASTM D2859	Standard test method for ignition characteristics of finished textile floor covering materials
ASTM D3389	Standard test method for coated fabrics abrasion resistance (rotary platform abrader)
ASTM D4151	Standard test method for flammability of blankets
ASTM D5132	Standard test method for horizontal burning rate of polymeric materials used in occupant compartments of motor vehicles
ASTM D6413	Standard test method for flame resistance of textiles (only vertical test)
ASTM F963-23	Standard consumer safety specification for toy safety – flammability (clause 4.2 only)
ASTM F1449	Standard guide for industrial laundering of flame, thermal, and ARC resistant clothing
ASTM F1955	Standard test method or flammability of sleeping bags
CA Technical Bulletin 117	Requirements - test procedure and apparatus for testing the smolder resistance of materials used in upholstered furniture
California Code of Regulations Title 19 § 1237.1	Flame retardant testing - small scale (CCR Title 19)
California Code of Regulations Title 19 § 1237.3	Flame retardant testing - large scale (CCR Title 19)
CAN/ULC S109	Flame tests of flame-resistant fabrics and films
CMVSS 302	Flammability of interior materials- official title: Canada motor vehicle safety standard
CPAI-75	Standard for flammability of sleeping bags
CPAI-84	A specification for flame-resistant materials used in camping tentage
<b>Textile Lab</b>	
AATCC Technical Supplement TS 004	Quick method for determining seam twist in garments

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AATCC Test Method 8	Colorfastness to crocking: AATCC crockmeter method
AATCC Test Method 15	Colorfastness to perspiration
AATCC Test Method 16.3	Colorfastness to light: xenon-arc
AATCC Test Method 20	Fiber analysis: qualitative
AATCC Test Method 20A	Fiber analysis: quantitative
AATCC Test Method 22	Water repellency: spray test
AATCC Test Method 23	Colorfastness to burnt gas fumes
AATCC Test Method 35	Water resistance: rain test
AATCC Test Method 42	Water resistance: impact penetration test
AATCC Test Method 61	Colorfastness to laundering: Accelerated
AATCC Test Method 76	Electrical surface resistivity of fabrics
AATCC Test Method 81	pH of the water-extract from wet processed textiles
AATCC Test Method 88B	Smoothness of seams in fabric after laundering
AATCC Test Method 88C	Retention of creases in fabric after laundering
AATCC Test Method 96	Dimensional stability to commercial laundering
AATCC Test Method 104	Colorfastness to water spotting
AATCC Test Method 106	Colorfastness to sea water
AATCC Test Method 107	Colorfastness to water
AATCC Test Method 116	Colorfastness to crocking: rotary vertical crockmeter method
AATCC Test Method 118	Oil repellency - hydrocarbon resistance test
AATCC Test Method 124	Smoothness appearance of fabrics after repeated home laundering
AATCC Test Method 125	Colorfastness to perspiration and light
AATCC Test Method 127	Water resistance - hydrostatic pressure test
AATCC Test Method 130	Soil release - oily stain release method
AATCC Test Method 132	Colorfastness to dry cleaning
AATCC Test Method 133	Colorfastness to heat - hot pressing
AATCC Test Method 135	Dimensional changes of fabrics after home laundering
AATCC Test Method 143	Appearance of apparel and textile products after laundering
AATCC Test Method 150	Dimensional changes of garments after home laundering
AATCC Test Method 158	Dimensional stability to dry cleaning
AATCC Test Method 162	Colorfastness to chlorinated pool water
AATCC Test Method 163	Colorfastness - dye transfer in storage - fabric-to-fabric
AATCC Test Method 165	Colorfastness to crocking - textile floor coverings — crockmeter

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AATCC Test Method 172	Colorfastness to powdered non-chlorine bleach in home laundering
AATCC Test Method 179	Skewness change in fabric and garment twist
AATCC Test Method 183	Transmittance or blocking of erythemally weighted ultraviolet radiation through fabrics
AATCC Test Method 193	Aqueous liquid repellency: water/alcohol solution resistance test
AATCC Test Method 197	Vertical wicking of textiles
AATCC Test Method 198	Horizontal wicking of textiles
AATCC Test Method 200	Drying rate of textiles at their absorbent capacity: air flow method
AATCC Test Method 201	Drying rate of fabrics: heated plate method
AATCC Test Method 212	Test Method for Fiber Fragment Release During Home Laundering
ANSI/ISEA 107 section 10.2	High visibility safety apparel and headwear devices - determination of color (chromaticity)
ASTM D629	Standard test methods for quantitative analysis of textiles
ASTM D737	Standard test method for air permeability of textile fabrics
ASTM D751	Standard test methods for coated fabrics (section A and B)
ASTM D1117	Standard guide for evaluating nonwoven fabrics
ASTM D1423/D1423M	Standard test method for twist in yarns by direct-counting
ASTM D1424	Standard test method for tearing strength of fabrics by falling-pendulum (Elmendorf-type) apparatus
ASTM D1683/D1683M	Standard test method for failure in sewn seams of woven apparel fabrics
ASTM D1777	Standard test method for thickness of textile materials
ASTM D2054	Standard test method for colorfastness of zipper tapes to crocking
ASTM D2061	Standard test methods for strength tests for zippers
ASTM D2594	Standard test method for stretch properties of knitted fabrics having low power
ASTM D2810	pH of leather
ASDTM D3107	Standard test methods for stretch properties of fabrics woven from stretch yarns
ASTM D3511/D3511M	Standard test method for pilling resistance and other related surface changes of textile fabrics - brush pilling tester
ASTM D3512/D3512M	Standard test method for pilling resistance and other related surface changes of textile fabrics - random tumble pilling tester
ASTM D3774	Standard test method for width of textile fabric
ASTM D3775	Standard test method for warp (end) and filling (pick) count of woven fabrics
ASTM D3776/D3776M - Option C	Standard test methods for mass per unit area (weight) of fabric

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ASTM D3786/D3786M	Standard test method for bursting strength of textile fabrics—diaphragm bursting strength tester method
ASTM D3884	Standard guide for abrasion resistance of textile fabrics (rotary platform, double-head method)
ASTM D3887 - Method 12	Standard specification for tolerances for knitted fabrics
ASTM D4157	Standard test method for abrasion resistance of textile fabrics (oscillatory cylinder method)
ASTM D4533	Trapezoid tearing of geotextiles
ASTM D4964	Standard test method for tension and elongation of elastic fabrics (constant-rate-of-extension type tensile testing machine)
ASTM D4966	Standard test method for abrasion resistance of textile fabrics (Martindale abrasion tester method)
ASTM D4970/D4970M	Standard test method for pilling resistance and other related surface changes of textile fabrics: Martindale tester
ASTM D5034	Standard test method for breaking strength and elongation of textile fabrics (grab test)
ASTM D5035	Standard test method for breaking force and elongation of textile fabrics (strip method)
ASTM D5171	Standard test method for impact resistance of plastic sew-through buttons
ASTM D5587	Standard test method for tearing strength of fabrics by trapezoid procedure
ASTM D5802	Horizontal wicking
ASTM D6544	Standard practice for preparation of textiles prior to ultraviolet (UV) transmission testing
ASTM D6797	Standard test method for bursting strength of fabrics constant-rate-of-extension (CRE) ball burst test
ASTM D8007	Standard test method for wale and course count of weft knitted fabrics
ASTM E1164	Standard practice for obtaining spectrometric data for object-color evaluation
ASTM F1816	Standard safety specification for drawstrings on children's upper outerwear
ASTM F3431	Standard Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazard
ASTM G155	Standard practice for operating xenon arc light apparatus for exposure of non-metallic materials
AS/NZS 4399	Sun protective clothing – evaluation and classification
BS 3084	Slide fasteners (Zips). Specification
CAN/CGSB 4.2 No. 4.1	Textiles - fabrics - determination of width and length
CAN/CGSB0 4.2 No. 5.1	Unit mass of fabrics

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CAN/CGSB 4.2 No. 6	Textiles - woven fabrics - construction - methods of analysis - part 2: determination of number of threads per unit length (ISO 7211-2:1984, MOD)
CAN/CGSB 4.2 No. 7	Knitted fabric count – wales and courses per centimeter
CAN/CGSB 4.2 No. 8.2	Textiles – determination of twist in yarns – direct counting method
CAN/CGSB-4.2 No. 11.1	Textile test methods – bursting strength – diaphragm
CAN/CGS-4.2 NO. 11.2	Textile test methods – bursting strength – ball burst test
CAN/CGS-4.2 No. 12.1	Tearing strength – single rip method
CAN/CGS-4.2 No. 12.3	Textiles – tear properties of fabrics – part 1: determination of tear force using ballistic pendulum method (Elmendorf)/(ISO 13937-1:2000, IDT)
CAN/CGSB 4.2 No. 14	Quantitative analysis of fibre mixtures (only methods 1, 2, 7, and 10)
CAN/CGSB 4.2 No. 18.3	Textiles - tests for colourfastness – part B02: colourfastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:1994, IDT)
CAN/CGSB 4.2 No. 19.1	Colourfastness to washing - accelerated test - Launder-Ometer (Reaffirmation of August 2004)
CAN/CGSB-4.2 No. 19.2	Colorfastness to accelerated laundering
CAN/CGSB-4.2 No. 20	Colourfastness to water
CAN/CGSB-4.2 No. 21	Colourfastness to sea water
CAN/CGSB-4.2 No. 22	Colourfastness to rubbing (crocking)
CAN/CGSB-4.2 No. 23	Colourfastness to perspiration
CAN/CGSB-4.2 No. 26.2	Textile Fabrics - determination of resistance to surface wetting (spray test) (ISO 4920:1981, IDT)
CAN/CGSB 4.2 No. 26.3	Textile fabrics - determination of resistance to water penetration - hydrostatic pressure test (ISO 811:1981, MOD)
CAN/CGSB 4.2 No. 27.5	Textile test methods flame resistance - 45° angle test - one-second flame impingement
CAN/CGSB-4.2 No. 27.6	Flame resistance - methenamine tablet test for textile floor coverings
CAN/CGSB-4.2 No. 29.1	Colorfastness to dry-cleaning (accelerated)
CAN/CGSB-4.2 No. 35.1	Colorfastness to burnt gas fumes
CAN/CGSB-4.2 No. 36	Air permeability
CAN/CGSB-4.2 No. 51.1	Resistance to pilling, rotating box method
CAN/CGSB-4.2 No. 51.2	Resistance to pilling - random tumble pilling tester
CAN/CGSB 4.2 No. 52.2	Textiles - tests for colourfastness - part E03: colourfastness to chlorinated water (swimming-pool water) (ISO 105-E03:2010, MOD)
CAN/CGSB-4.2 No. 58-2004	Dimensional change in domestic laundering of textiles
CAN/CGSB-4.2 No. 59.1	Appearance after repeated domestic launderings - smoothness of fabrics

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CAN/CGSB 4.2 NO. 59.2	Appearance after repeated domestic launderings – seams textile lab
CAN/CGSB 4.2 NO. 59.3	Appearance after repeated domestic launderings - seams
CAN/CGSB-182.1	Flammability and labeling requirements for tents published
CGSB 4.2 No. 30.2-M90-CAN/CGSB AMD 1	Textile test methods procedure for the removal of non-permanent flame-retardant treatments on textile floor coverings
Chinese Standard FZ/T 01057.1	Test method for identification of textile fibers part 1: general introduction
Chinese Standard FZ/T 01057.2	Test method for identification of textile fibers part 2: burning behavior
Chinese Standard FZ/T 01057.3	Test method for identification of textile fibers part 3: burning behavior
Chinese Standard FZ/T 01057.4	Test method for identification of textile fibers part 4: solubility
Chinese Standard GB/T 18886	Textiles - Tests for colour fastness - colour fastness to saliva
Chinese Standard GB/T 2910.1	Textiles - Quantitative chemical analysis - part 1: general principles of testing
Chinese Standard GB/T 2910.11	Textiles - quantitative chemical analysis - part 11: mixtures of cellulose and polyester fibres (method using sulfuric acid)
Chinese Standard GB/T 2910.12	Textiles - quantitative chemical analysis - part 12: mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide)
Chinese Standard GB/T 2910.14	Textiles - quantitative chemical analysis - part 14: mixtures of acetate and certain chlorofibres (method using acetic acid)
Chinese Standard GB/T 2910.16	Textiles - quantitative chemical analysis - part 16: mixtures of polypropylene fibres and certain other fibres (method using xylene)
Chinese Standard GB/T 2910.2	Textiles - quantitative chemical analysis - part 2: ternary fibre mixtures
Chinese Standard GB/T 2910.20	Textiles - quantitative chemical analysis - part 20: mixtures of elastane and certain other fibres (method using dimethylacetamide)
Chinese Standard GB/T 2910.21	Textiles - quantitative chemical analysis - part 21: mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone)
Chinese Standard GB/T 2910.3	Textiles - quantitative chemical analysis - part 3: mixtures of acetate and certain other fibres (method using acetone)
Chinese Standard GB/T 2910.4	Textiles - quantitative chemical analysis - part 4: mixtures of certain protein and certain other fibres (method using hypochlorite)
Chinese Standard GB/T 2910.5	Textiles - quantitative chemical analysis - part 5: mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate)

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Chinese Standard GB/T 2910.7	Textiles - quantitative chemical analysis - part 7: mixtures of polyamide and certain other fibres (method using formic acid)
Chinese Standard GB/T 2910.8	Textiles - quantitative chemical analysis - part 8: mixtures of acetate and triacetate fibres (method using acetone)
Chinese Standard GB/T 3917.1	Textiles – tear properties of fabrics – part 1: determination of tear force using ballistic pendulum method (Elmendorf)
Chinese Standard GB/T 3917.2	Textiles – tear properties of fabrics – part 2: determination of tear force of trouser-shaped test specimens (single tear method)
Chinese Standard GB/T 3920	Textiles - tests for colour fastness - colour fastness to rubbing
Chinese Standard GB/T 3921	Textiles – tests for colour fastness – colour fastness to washing with soap or soap and soda
Chinese Standard GB/T 3922	Textiles - tests for colour fastness - colour fastness to perspiration
Chinese Standard GB/T 3923.1	Textiles – tensile properties of fabrics – part 1: determination of maximum force and elongation at maximum force using the strip method
Chinese Standard GB/T 3923.2	Textiles – tensile properties of fabrics – part 2: determination of maximum force using the grab method
Chinese Standard GB/T 4744	Textile fabrics – determination of resistance to water penetration – hydrostatic pressure test
Chinese Standard GB/T 4745	Textiles – testing and evaluation for water resistance – spray test method
Chinese Standard GB/T 4802.2	Textiles – determination of fabric propensity to surface fuzzing and to pilling – part 2: Modified Martindale method
Chinese Standard GB/T 4802.3	Textiles – determination of fabric propensity to surface fuzzing and to pilling – part 3: Pilling box method
Chinese Standard GB/T 4802.4	Textiles – determination of fabric propensity to surface fuzzing and to pilling – part 4: Random rolling method
Chinese Standard GB/T 5453	Textiles – determination of the permeability of fabrics to air
Chinese Standard GB/T 5711	Textiles – tests for colour fastness – colour fastness to dry cleaning
Chinese Standard GB/T 5713	Textiles - tests for colour fastness - colour fastness to water
Chinese Standard GB/T 7742.2	Textiles – bursting properties of fabrics – part 2: pneumatic method for determination of bursting strength and bursting distension
Chinese Standard GB/T 8427	Textiles – tests for color fastness – color fastness to artificial light: xenon arc fading lamp test
Chinese Standard GB/T 8628	Textiles – preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change

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Chinese Standard GB/T 8629	Textiles – domestic washing and drying procedures for textile testing
Chinese Standard GB/T 8630	Textiles – determination of dimensional change in washing and drying
Chinese Standard GB/T 12490	Textiles – tests of colour fastness – colour fastness to domestic and commercial laundering
Chinese Standard GB/T 13769	Textiles – test methods for assessing the smoothness appearance of fabrics after cleansing
Chinese Standard GB/T 13771	Textiles – test methods for assessing the smoothness appearance of seams in fabrics after cleansing
Chinese Standard GB/T 13773.1	Textiles - seam tensile properties of fabrics and made-up textile articles – part 1: Determination of maximum force to seam rupture using the strip method
Chinese Standard GB/T 13773.2	Textiles – seam tensile properties of fabrics and made-up textile articles – part 2: Determination of maximum force to seam rupture using the grab method
Chinese Standard GB/T 14576	Textiles – tests for colour fastness – colour fastness to light of textiles wetted with artificial perspiration
Chinese Standard GB/T 14644	Textiles – burning behavior – 45° test determination of flame spread rate
Chinese Standard GB 18401	National general safety technical code for textile products
Chinese Standard GB 18401 Clause 6.7	Odour test of textiles
Chinese Standard GB/T 18830	Textiles – evaluation for solar ultraviolet radiation protective properties
Chinese Standard GB/T 19941	Leather and fur – chemical tests – determination of formaldehyde content
Chinese Standard GB/T 19942	Leather and fur – chemical tests – determination of banned azo colourants
Chinese Standard GB/T 19976	Textiles – determination of bursting strength – steel ball method
Chinese Standard GB 20400	Leather and fur – limit of harmful matter
Chinese Standard GB/T 31702	Testing method for sharpness of attached components on textile products
CSA Z-96	High-visibility safety apparel (excluding clauses 7.3 and 7.4)
DIN 53160-1	Determination of the colourfastness of articles for common use - part 1: test with artificial saliva
DIN 53160-2	Determination of the colourfastness of articles for common use - part 2: test with artificial sweat
EN 530	Determination of the abrasion resistance of protective clothing

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EN 1049-2	Textiles – woven fabrics – construction – methods of analysis – part 2: determination of number of threads per unit length (ISO 7211-2:1984 modified)
EN 1150	Protective clothing. Visibility clothing for non-professional use. Test methods and requirements (excluding clauses 7.3 and 7.4)
EN 1734	Rubber or plastics coated fabrics – determination of resistance to water penetration – low pressure method
EN 1773	Textiles – fabrics – determination of width and length
EN 1875-3	Rubber or plastics-coated fabrics – determination of tear strength – part 3: trapezoidal method
EN 12127	Textiles – fabrics – determination of mass per unit area using small samples
EN 12332-1	Rubber or plastic-coated fabrics – determination of bursting strength – part 1: steel ball method
EN 12332-2	Rubber or plastic-coated fabrics – determination of bursting strength – part 2: hydraulic method
EN 13758-1	Textiles – solar UV protective properties – part 1: method of test for apparel fabrics
EN 14682	Safety of children's clothing - cords and drawstring on children's clothing
EN 14701-1	Stretch and recovery: determination of the elasticity of fabrics (method A or method B)
EN 14971	Textiles – knitted fabrics – determination of number of stitches per unit length and unit area
EN 16732	Slide fasteners (zips) – specification
EN 17353	Protective clothing - Enhanced visibility equipment for medium risk situations - Test methods and requirements
EN 20811	Textiles. Determination of resistance to water penetration. Hydrostatic pressure test
EN 25978	Rubber or plastics-coated fabrics – determination of blocking resistance (ISO 5978:1990)
ISO 105- B02	Textiles - tests for colour fastness - part B02: colour fastness to artificial light: Xenon arc fading lamp test
ISO 105- B07	Textiles - tests for colour fastness - part B07: colour fastness to light of textiles wetted with artificial perspiration
ISO 105-C06	Textiles - tests for colour fastness - part C06: colour fastness to domestic and commercial laundering
ISO 105-C08	Textiles - tests for colour fastness - part C08: colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low-temperature bleach activator
ISO 105-C09	Textiles - tests for colour fastness - part C09: colour fastness to domestic and commercial laundering -- oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator

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ISO 105-C10	Textiles - tests for colour fastness - part C10: colour fastness to washing with soap or soap and soda
ISO 105-D01	Textiles - tests for colour fastness - part D01: colour fastness to drycleaning using perchloroethylene solvent
ISO 105-E01	Textiles - tests for colour fastness - part E01: colour fastness to water
ISO 105-E02	Textiles - tests for colour fastness - part E02: colour fastness to sea water
ISO 105-E03	Textiles - tests for colour fastness - part E03: colour fastness to chlorinated water (swimming-pool water)
ISO 105-E04	Textiles - tests for colour fastness - part E04: colour fastness to perspiration
ISO 105-E07	Textiles - tests for colour fastness - part E07: colour fastness to spotting: Water
ISO 105-G02	Textiles -- Tests for colour fastness -- part G02: colour fastness to burnt-gas fumes
ISO 105-N01	Textiles - tests for colour fastness - part N01: colour fastness to bleaching: Hypochlorite
ISO 105-X11	Textiles - tests for colour fastness - part X11: colour fastness to hot pressing
ISO 105-X12	Textiles - tests for colour fastness - part X12: colour fastness to rubbing
ISO 105-X16	Textiles - tests for colour fastness - Part X16: colour fastness to rubbing - small areas
ISO 105-X18	Colorfastness to phenollic yellowing
ISO 811	Textile fabrics - determination of resistance to water penetration - hydrostatic pressure test
ISO 1420	Rubber or plastics-coated fabrics – determination of resistance to penetration by water – method A only
ISO 1421	Rubber or plastics-coated fabrics – determination of tensile strength and elongation at break
ISO 1833-1	Textiles - quantitative chemical analysis - part 1: general principles of testing
ISO 1833-11	Textiles - quantitative chemical analysis - part 11: mixtures of cellulose and polyester fibres (method using sulfuric acid)
ISO 1833-12	Textiles - quantitative chemical analysis - part 12: mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide)
ISO 1833-14	Textiles - quantitative chemical analysis - part 14: mixtures of acetate and certain chlorofibres (method using acetic acid)
ISO 1833-16	Textiles - quantitative chemical analysis - part 16: mixtures of polypropylene fibres and certain other fibres (method using xylene)
ISO 1833-2	Textiles - quantitative chemical analysis - part 2: ternary fibre mixtures
ISO 1833-20	Textiles - quantitative chemical analysis - part 20: mixtures of elastane and certain other fibres (method using dimethylacetamide)

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ISO 1833-21	Textiles - quantitative chemical analysis - part 21: mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone)
ISO 1833-3	Textiles - quantitative chemical analysis - part 3: mixtures of acetate and certain other fibres (method using acetone)
ISO 1833-4	Textiles - quantitative chemical analysis - part 4: mixtures of certain protein and certain other fibres (method using hypochlorite)
ISO 1833-5	Textiles - quantitative chemical analysis - part 5: mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate)
ISO 1833-7	Textiles - quantitative chemical analysis - part 7: mixtures of polyamide and certain other fibres (method using formic acid)
ISO 1833-8	Textiles - quantitative chemical analysis - part 8: mixtures of acetate and triacetate fibres (method using acetone)
ISO 2061	Textiles - determination of twist in yarns - direct counting method
ISO 2062	Textiles – determination of twist in yarns
ISO 2411	Rubber- or plastics-coated fabrics - Determination of coating adhesion
ISO 3175-1	Textiles – professional care, drycleaning and wetcleaning of fabrics and garments – part 1: assessment of performance after cleaning and finishing
ISO 3175-2	Textiles – professional care, drycleaning and wetcleaning of fabrics and garments – part 2: procedure for testing performance when cleaning and finishing using tetrachlorethene
ISO 3303-1	Rubber or plastics-coated fabrics – determination of bursting strength – part 1: steel ball method
ISO 3303-2	Rubber or plastics-coated fabrics – determination of bursting strength – part 2: hydraulic method
ISO 3759	Textiles – preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change
ISO 3795	Road vehicles: determination of burning behaviour of interior materials
ISO 3801- Method 5	Textiles - woven fabrics - determination of mass per unit length and mass per unit area
ISO 4484-1	Textiles and textile products — Microplastics from textile sources — Part 1: Determination of material loss from fabrics during washing
ISO 4674-1	Rubber or plastics-coated fabrics – determination of tear resistance – part 1: constant rate of tear methods
ISO 4674-2	Rubber- or plastics-coated fabrics – determination of tear resistance —Part 2:Ballistic pendulum method
ISO 4920	Textile fabrics - determination of resistance to surface wetting (spray test)
ISO 5077	Textiles – determination of dimensional change in washing and drying

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ISO 5470-1	Rubber- or plastics-coated fabrics - Determination of abrasion resistance - Part 1: Taber abrader
ISO 5470-2	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 2: Martindale abrader
ISO 5978	Blocking resistance of coated fabrics
ISO 6330	Textiles – domestic washing and drying procedures for textile testing
ISO 7211-2	Textiles -woven fabrics – construction - methods of analysis -part 2: determination of number of threads per unit length
ISO 7211-4	Textiles – woven fabrics – construction – methods of analysis – part 4: determination of twist in yarn removed from fabric
ISO 7768	Textiles - test method for assessing the smoothness appearance of fabrics after cleansing
ISO 7769	Textiles - test method for assessing the appearance of creases in fabrics after cleansing
ISO 7770	Textiles - test method for assessing the smoothness appearance of seams in fabrics after cleansing
ISO 9237	Textiles - determination of the permeability of fabrics to air
ISO 12945-1	Textiles - determination of fabric propensity to surface fuzzing and to pilling - part 1: Pilling box method
ISO 12945-2	Textiles - determination of fabric propensity to surface fuzzing and to pilling - part 2: modified Martindale method
ISO 12947-2	Textiles - determination of the abrasion resistance of fabrics by the Martindale method - part 2: determination of specimen breakdown
ISO 12947-3	Textiles - determination of the abrasion resistance of fabrics by the Martindale method - part 3: determination of mass loss
ISO 12947-4	Textiles - determination of the abrasion resistance of fabrics by the Martindale method - part 4: assessment of appearance change
ISO 13688	Protective clothing – general requirements
ISO 13934-1	Textiles - tensile properties of fabrics - part 1: determination of maximum force and elongation at maximum force using the strip method
ISO 13934-2	Textiles - tensile properties of fabrics - part 2: determination of maximum force using the grab method
ISO 13935-1	Textiles - seam tensile properties of fabrics and made-up textile articles - part 1: determination of maximum force to seam rupture using the strip method
ISO 13935-2	Textiles - seam tensile properties of fabrics and made-up textile articles - part 2: determination of maximum force to seam rupture using the grab method
ISO 13936-1	Textiles - determination of the slippage resistance of yarns at a seam in woven fabrics - part 1: fixed seam opening method

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ISO 13936-2	Textiles - determination of the slippage resistance of yarns at a seam in woven fabrics - part 2: fixed load method
ISO 13937-1	Textiles - tear properties of fabrics - part 1: determination of tear force using ballistic pendulum method (Elmendorf)
ISO 13937-2	Textiles - tear properties of fabrics -- part 2: determination of tear force of trouser-shaped test specimens (single tear method)
ISO 13938-2	Textiles - bursting properties of fabrics - part 2: pneumatic method for determination of bursting strength and bursting distension
ISO 14419	Textiles - oil repellency - hydrocarbon resistance test
ISO 15487	Textiles – method for assessing appearance of apparel and other textile end products after domestic washing and drying
ISO 15797	Textiles – industrial washing and finishing procedures for testing of workwear
ISO 16322-1	Textiles - determination of spirality after laundering - part 1: percentage of wale spirality change in knitted garments
ISO 16322-2	Textiles - determination of spirality after laundering - part 2: woven and knitted fabrics
ISO 16322-3	Textiles - determination of spirality after laundering - part 3: woven and knitted garments
ISO 17074	Leather - physical and mechanical tests - determination of resistance to horizontal spread of flame
ISO 18695	Textiles - determination of resistance to water penetration - impact penetration test
ISO 20471	High visibility clothing - test methods and requirements (excluding sections 7.3 and 7.4)
ISO 22198	Textiles - fabrics - determination of width and length
ISO 22958	Textiles - water resistance - rain tests: exposure to a horizontal water spray
ISO 23232	Textiles - aqueous liquid repellency - water/alcohol solution resistance test
JIS L1092	Water resistance: hydrostatic resistance (hydrostatic heat tester) – methods A and B
NFPA 701	Standard method of fire tests for flame propagation of textiles and films - method 1
NFPA 701	Standard method of fire tests for flame propagation of textiles and films - method 2
NFPA 1971	Standard on protective ensembles for structural firefighting and proximity firefighting (section 8.3 only)
NFPA 1975	Standard on station/work uniforms for emergency services (sections 8.6 only)
NFPA 1976	Standard on protective ensemble for proximity firefighting (section 6.2 only)
NFPA 1977	Standard on protective clothing and equipment for wildland fire fighting (section 8.3 only)

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NFPA 1981	Standard on open-circuit self-contained breathing apparatus (SCBA) for emergency services (section 8.4 only)
NFPA 2112	Standard on flame-resistant garments for protection of Industrial personnel against flash fire (section 8.3 only)
NMX-061-SCFI-2017	Colorfastness to Ironing (Appendix C only)
NMX-061-SCFI-2017	Determination of Color (Chromaticity) (sections 5.2 and 6.3.1/table 3 only)
NMX-A-059/2-INNTEX-2008	Properties of fabrics against traction – Part 2: Determination of the maximum force by the grip method – Grab Method
NMX-A-065-INNTEX-1995	Determination of color fastness to sweat
NMX-A-070-INNTEX-2008	Determination of the solidarity of water color
NMX-A-073-INNTEX-2005	Determination of color fastness to rub
NMX-A-074-INNTEX-2005	Determination of color fastness to domestic and industrial washing
NMX-A-080-INNTEX-2008	Determination of the solidarity of color in textile materials to bleaching with sodium hypochlorite
NMX-A-105-B02-INNTEX-2010	Color fastness to artificial light: Xenon arc discoloration lamp test
NMX-A-109-INNTEX-2005	Wedded fabrics – determination of tearing resistance by the free descent pendulum method
NMX-A-125-INNTEX-2005	Determination of the color fastness of textile materials subjected to dry cleaning
NMX-A-149-INNTEX 1970	Textile industry-Shell and knitted fabrics-Determination of dimensional changes by dry cleaning-Test method
NMX-A-158-INNTEX-2009	Domestic washing and drying procedures for textile texting
NMX-A-190/1-INNTEX-2010	Determination of the flammability of fabrics – Part 1 – inclined method
NMX-A-216-INNTEX-2005	Knitted Fabrics – Determination of the resistance to burst method Mullen Burst
NMX-A-311-INNTEX-2005	Preparation, marking, and measurement of specimens of fabric and garments to determine dimensional changes
NMX-A-4920-INNTEX-2009	Determination of surface wet resistance (spray method)
NMX-S-061-SCFI-2017	Water Resistance: Hydrostatic Resistance (sections 5.5 and 6.8.1 only)
NMX-S-061-SCFI-2017	Water Resistance: Rain test (sections 5.6 and 6.8.1 only)
SAE J369	Flammability of polymeric interior materials - horizontal test method
SOR/2016-169	Children's sleepwear regulations
SOR/2016-176	Textile floor coverings regulations
SOR/2016-185	Tents regulations
SOR/2016-194	Textile flammability regulations

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TAPPI T461	Flame resistance of treated paper and paperboard
<b>Leather &amp; Footwear Lab</b>	
ASTM D1052	Standard Test Method for Measuring Rubber Deterioration—Cut Growth Using Ross Flexing Apparatus
ASTM D1813	Standard Test Method for Measuring Thickness of Leather Test Specimens
ASTM D2208	Standard Test Method for Breaking Strength of Leather by the Grab Method
ASTM D2209	Standard Test Method for Tensile Strength of Leather
ASTM D2211	Standard Test Method for Elongation of Leather
ASTM D2212	Standard Test Method for Slit Tear Resistance of Leather
ASTM D4704	Standard Test Method for Tearing Strength, Tongue Tear of Leather
ASTM D4705	Standard Test Method for Stitch Tear Strength of Leather, Double Hole
ASTM D5053	Standard Test Method for Colorfastness of Crocking of Leather
ASTM D5963	Standard Test Method for Rubber Property—Abrasion Resistance (Rotary Drum Abrader)
ASTM D6077	Standard Test Method for Trapezoid Tearing Strength of Leather
ASTM D6182	Standard Test Method for Flexibility and Adhesion of Finish on Leather
ASTM F2412-18a §11	Standard Test Methods for Foot Protection - Puncture Resistant Footwear (PR)
ASTM F2913	Standard Test Method for Measuring the Coefficient of Friction for Evaluation of Slip Performance of Footwear and Test Surfaces/Flooring Using a Whole Shoe Tester
BS 5131-2.1	Methods of test for footwear and footwear materials. Solings. Ross flexing method for cut growth resistance of soling materials
BS 5131-4.4	Methods of test for footwear and footwear materials. Other components-Heel pin holding strength of fibreboard
BS 5131-5.9	Methods Of Test For Footwear And Footwear Materials. Testing Of Complete Footwear. Strength Of Top Piece Attachment To Shoe Heels
BS 5131-5.11	Methods Of Test For Footwear And Footwear Materials. Testing Of Complete Footwear. Determination Of The Strength Of Buckle Fastening Assemblies
BS 5131-5.13	Methods of Test For Footwear And Footwear Materials. Testing Of Complete Footwear. Measurement Of The Strength Of Stitched Seams In Upper And Lining Materials
EN 12770	Footwear - Test Methods for Outsoles - Abrasion Resistance
EN 13520	Footwear - Test Methods for Uppers, Lining and Insoles - Abrasion Resistance
ISO 2589 / IULTCS/IUP 4	Leather - Physical and mechanical tests - Determination of thickness
ISO 3376 / IULTCS/IUP 8	Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation

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ISO 3377-1 / IULTCS/IUP 40	Leather — Physical and mechanical tests — Determination of tear load — Part 1: Single edge tear
ISO 3377-2	Leather - Physical and mechanical tests - Determination of tear load - Part 2: Double edge tear
ISO 4649	Rubber, vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device
ISO 4674-1	Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 1: Constant rate of tear methods
ISO 5402-1	Leather — Determination of flex resistance — Part 1: Flexometer method
ISO 5402-2	Leather - Determination of flex resistance - Part 2: Vamp flex method
ISO 5470-2	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 2: Martindale abrader
ISO 11640 / IUF 450	Leather - Tests for colour fastness - Colour fastness to cycles of to-andfro rubbing
ISO 11641 / IULTCS/IUF 426	Leather - Tests for colour fastness - Colour fastness to perspiration
ISO 11642 IULTCS/IUF 421	Leather - Tests for colour fastness - Colour fastness to water
ISO 11644 IULTCS/IUF 470	Leather — Test for adhesion of finish
ISO 13287	Personal protective equipment — Footwear — Test method for slip resistance
ISO 17076-1 IULTCS/IUP 48-1	Leather — Determination of abrasion resistance — Part 1: Taber method
ISO 17235 / IULTCS/IUP 36	Leather — Physical and mechanical tests — Determination of softness
ISO 17236 / IULTCS/IUP 43	Leather — Physical and mechanical tests — Determination of extension set
ISO 17694	Footwear - Test methods for uppers and lining - Flex resistance
ISO 17696	Footwear Test methods for uppers, linings and insoles Tear strength
ISO 17697 - Method B	Footwear - Test methods for uppers, lining and insoles - Seam strength
ISO 17700 Method A	Footwear - Test methods for upper components and insoles - Colour fastness to rubbing and bleeding
ISO 17704	Footwear - Test methods for uppers, linings and insoles - Abrasion resistance
ISO 17706	Footwear - Test methods for uppers - Tensile strength and elongation
ISO 17707	Footwear Test methods for outsoles Flex resistance
ISO 19958	Footwear - Test methods for heels and top pieces - Top piece retention strength
ISO 20344 § 6.12	Personal protective equipment — Test methods for footwear - Determination of abrasion resistance of lining and insock

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ISO 20344:2021 §5.9	Personal protective equipment — Test methods for footwear -Determination of the perforation resistance of footwear with a metallic perforation resistant insert
ISO 20344:2021 §5.10	Personal protective equipment — Test methods for footwear -Determination of the perforation resistance of footwear with a non-metallic perforation resistant insert
ISO 20344:2021 § 5.16	Personal protective equipment — Test methods for footwear - Insulation against Cold
ISO 20344:2021 § 7.3	Footwear - Test methods for upper components and insoles - Colour fastness to rubbing and bleeding - Determination of abrasion resistance of insole
ISO 20344:2021 §8.6	Personal protective equipment — Test methods for footwear - Determination of flexing resistance of outsole
ISO 20347:2021 §5.8.5	Personal protective equipment — Occupational footwear - Flexing resistance
ISO 20871	Footwear - Test methods for outsoles - Abrasion resistance
ISO 22568-4:2021 § Annex A	Foot and leg protectors — Requirements and test methods for footwear components — Part 4: Non-metallic perforation resistant inserts - Method PL: perforation resistance with the conical nail 4,5 mm diameter
ISO 32100	Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method
TM25	Vamp flex test - resistance to creasing and cracking
TM31	Abrasion resistance – Martindale method
TM37	Nail Penetration – Shoe Bottoms And Protective Midsoles;
TM55	Flexing resistance of upper materials - Bally flexometer
TM60	Ross flex test - resistance to cut growth on flexing
TM94	Breaking force and extension at break of shoe laces
TM108	Strength of top-piece attachment
TM117	Attachment strength of decorative bows
TM118	Strength Of Sandal Toe Posts
TM120	Strength of attachment of straps and nailed or stapled uppers
TM143	Breaking force and extension at break of whole shoe top-lines.
TM144	Friction (slip resistance) of footwear and floorings.
TM149	Strength of eyelet facings and other laced fastenings.
TM150	Attachment strength of eyelets
TM161	Bennewart flex test - resistance to cut growth on flexing
TM162	Tear strength - Baumann method
TM163	Abrasion resistance – Taber method
TM165	Tab strength

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# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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TM167	Colour fastness to rubbing - crockmeter test
TM173	Colour fastness to rubbing - reciprocating method
TM174	Abrasion resistance – rotating drum method
TM175	Attachment strength of shoe lace tags
TM180	Measurement of the strength of stitched seams in upper and lining materials
TM181	Strength of buckle and strap attachments
TM260	Phenolic (elusive) yellowing of textiles
TM335	Colour fastness to water or perspiration (petri-dish method)
<b>TJP Fire Lab</b>	
16 CFR 1500.44	Extremely flammable and flammable solids
BS EN 71-2	Safety of toys - flammability
ISO 8124-2	Safety of toys – part 2: flammability
Mercosur NM-300-2	Safety of toys - part 2: flammability
<b>TJP Lab, 1 Washington Ave., Fairfield, NJ</b>	
16 CFR 1213	Entrapment hazards in bunk beds
16 CFR 1215	Safety standard for infant bath seats
16 CFR 1216	Safety standard for infant walkers
16 CFR 1217	Safety standard for toddler beds
16 CFR 1218	Safety standard for bassinets and cradles
16 CFR 1219	Safety standard for full-size baby cribs
16 CFR 1220	Safety standard for non-full size baby cribs
16 CFR 1221	Safety standard for play yards
16 CFR 1222	Safety standard for infant bedside sleepers
16 CFR 1223	Safety standard for infant swings
16 CFR 1224	Portable bed rails
16 CFR 1225	Safety standard for hand-held infant carriers
16 CFR 1226	Soft infant carriers
16 CFR 1227	Carriages and strollers
16 CFR 1228	Baby slings carriers
16 CFR 1229	Standard consumer safety specification for infant bouncer seats (same as ASTM F2167)
16 CFR 1230	Safety standard for frame child carriers
16 CFR 1231	Safety standard for high chairs

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16 CFR 1232	Safety standard for children's folding chairs and children's folding stools
16 CFR 1233	Safety standard for portable hook-on chairs
16 CFR 1234	Standard consumer safety specification for infant bath tubs (new capability same as ASTM F2670)
16 CFR 1235	Safety standard for baby changing products
16 CFR 1237	Safety standard for booster seats
16 CFR 1238	Safety standard for stationary activity centers
16 CFR 1239	Safety standard for gates and enclosures
16 CFR 1240	Safety standard for magnet sets
16 CFR 1241	Standard Consumer Safety Specification for Crib Mattresses
16 CFR 1242	Safety Standard for Nursing Pillows
16 CFR 1243	Safety Standard for Infant Support Cushions
16 CFR 1261	Safety Standard for Clothing Storage Units
16 CFR 1262	Safety Standard for Magnets
16 CFR 1263	Safety Standard for button cell or coin batteries and consumer products containing such batteries
16 CFR 1270	Safety Standard for Adult Portable Bed Rails and Related Products
16 CFR 1500.47	Sound pressure level produced by toy caps
16 CFR 1500.48	Sharp points in toys
16 CFR 1500.49	Sharp edges in toys
16 CFR 1500.50	Use and abuse testing of toys and other articles intended for use by children
16 CFR 1500.51	Use and abuse testing of toys intended for ages 18 months or less
16 CFR 1500.52	Use and abuse testing of toys intended for ages 18 months to 36 months
16 CFR 1500.53	Use and abuse testing of toys intended for ages 37 months to 96 months
16 CFR 1500.86	Exemptions from classification as a banned toy or other banned article for use by children [(a) (7) and (8)]
16 CFR 1501	Toys (small parts hazards)
16 CFR 1505	Requirements for electrically operated toys or other electrically operated articles intended for use by children
16 CFR 1508	Full size cribs
16 CFR 1509	Non-full size cribs
16 CFR 1510	Requirements for rattles
16 CFR 1511	Pacifiers
16 CFR 1512	Requirements for bicycles

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16 CFR 1513	Requirements for bunk beds
ANSI Z315.1	Tricycles - safety requirements
AS 1647	Children's toys and playthings (safety requirements)
ASTM F404	Standard Consumer safety specification for high chairs
ASTM F406	Standard consumer safety specification for non-full-size baby cribs/play yards
ASTM F833	Standard consumer safety performance specification for carriages and strollers
ASTM F834	Standard consumer safety specification for toy chests
ASTM F963-23	Standard consumer safety specification for toy safety (clauses as required by CPSC, as listed below)
ASTM F963-23 Clause-4.5	Sound producing toys
ASTM F963-23 Clause-4.6	Small objects (except labeling and/or instructional literature requirements)
ASTM F963-23 Clause-4.7	Accessible edges (except labeling and/or instructional literature requirements)
ASTM F963-23 Clause-4.8	Projections
ASTM F963-23 Clause-4.9	Accessible points (except labeling and/or instructional literature requirements)
ASTM F963-23 Clause-4.10	Wires or rods
ASTM F963-23 Clause-4.11	Nails and fasteners
ASTM F963-23 Clause-4.12	Packaging film
ASTM F963-23 Clause-4.13	Folding mechanisms and hinges
ASTM F963-23 Clause-4.14	Cords, straps, and elastics (except section 4.14.4)
ASTM F963-23 Clause-4.15	Stability and overload requirements
ASTM F963-23 Clause-4.16	Confined spaces
ASTM F963-23 Clause-4.17	Wheels, tires, and axles
ASTM F963-23 Clause-4.18	Holes, clearances, and accessibility of mechanisms
ASTM F963-23 Clause-4.19	Simulated protective devices (except labeling and/or instructional literature requirements)
ASTM F963-23 Clause-4.20.2	Toy pacifiers

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ASTM F963-23 Clause-4.21	Projectile toys
ASTM F963-23 Clause-4.22	Teethers and teething toys
ASTM F963-23 Clause-4.23.1	Rattles with nearly spherical, hemispherical, or circular flared ends
ASTM F963-23 Clause-4.24	Squeeze toys
ASTM F963-23 Clause-4.25	Battery-operated toys (except labeling and/or instructional literature requirements)
ASTM F963-23 Clause-4.26	Toys intended to be attached to a crib or playpen
ASTM F963-23 Clause-4.27	Stuffed and beanbag-type toys
ASTM F963-23 Clause-4.28	Stroller and carriage toys
ASTM F963-23 Clause-4.29	Art materials
ASTM F963-23 Clause-4.30	Toy gun marking
ASTM F963-23 Clause-4.31	Balloons
ASTM F963-23 Clause-4.32	Certain toys with spherical ends
ASTM F963-23 Clause-4.33	Marbles
ASTM F963-23 Clause-4.34	Balls
ASTM F963-23 Clause-4.35	Pompoms
ASTM F963-23 Clause-4.36	Hemispheric-shaped objects
ASTM F963-23 Clause-4.37	Yo-Yo elastic tether toys
ASTM F963-23 Clause-4.38	Magnets
ASTM F963-23 Clause-4.39	Jaw entrapment in handles and steering wheels
ASTM F963-23 Clause-4.40	Expanding material

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ASTM F963-23 Clause-4.41	Toy chests
ASTM F963-23 Clause-8.29	Stuffing material evaluation
ASTM F977	Standard consumer safety specification for infant walkers
ASTM F1004	Standard consumer safety specification for expansion gates and expandable enclosures
ASTM F1148	Standard consumer safety performance specification for home playground equipment
ASTM F1169	Standard consumer safety specification for full-size baby cribs
ASTM F1235	Standard consumer safety specification for portable hook-on chairs
ASTM F1487	Standard consumer safety performance specification for playground equipment for public use
ASTM F1821	Standard consumer safety specification for toddler beds
ASTM F1822	Consumer safety specification for non-full-size baby cribs
ASTM F1917	Standard consumer safety performance specification for infant bedding and related accessories
ASTM F1967	Standard consumer safety specification for infant bath seats
ASTM F2012	Standard consumer safety performance specification for stationary activity centers
ASTM F2050	Standard consumer safety specification for hand-held infant carriers
ASTM F2057	Standard safety specification for clothing storage units
ASTM F2085	Standard consumer safety specification for portable bed rails
ASTM F2088	Standard consumer safety specification for infant swings
ASTM F2167	Standard consumer safety specification for infant bouncer seats
ASTM F2194	Standard consumer safety specification for bassinets and cradles
ASTM F2236	Standard consumer safety specification for soft infant and toddler carriers
ASTM F2388	Standard consumer safety specification for baby changing tables for domestic use
ASTM F2549	Standard consumer safety specification for frame child carriers
ASTM F2613	Standard consumer safety specification for children's chairs and stools
ASTM F2640	Standard consumer safety specification for booster seats
ASTM F2670	Standard Consumer Safety Specification for Infant bathtubs (new capability same as 16 CFR 1234)
ASTM F2710	Standard consumer safety performance specification for commercial cribs
ASTM F2906	Standard consumer safety specification for bedside sleepers

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ASTM F2907	Standard consumer safety specification for sling carriers
ASTM F2923	Standard specification for consumer product safety for children's jewelry
ASTM F2933	Standard consumer safety specification for crib mattresses
ASTM F2951	Standard consumer safety specification for baby monitors
ASTM F2999	Standard consumer safety specification for adult jewelry
ASTM F3084	Standard consumer safety specification for infant and infant/toddler rockers
ASTM F3118	Standard consumer safety specification for infant inclined sleep products
ASTM F3186	Standard specification for adult portable bed rails and related products
ASTM F3317	Standard consumer safety specification for infant floor seats
ASTM F3343	Standard consumer safety specification for infant bathers
ASTM F3669	Standard Consumer Safety Specification for Nursing Pillows
BS EN 71-1	Safety of toys- mechanical and physical properties
BS EN 71-8	Safety of toys- activity toys for domestic use
CCPSA SOR/2011-17	Toys
CCPSA SOR/2016-152	Cribs, cradles and bassinets
CCPSA SOR/2016-167	Carriages and strollers
CCPSA SOR/2016-179	Expansion gates and expandable enclosures
CCPSA SOR/2016-189	Play pens
CCPSA SOR/2023-101	Carriages and strollers
ISO 8124-1	Safety of toys - part 1: safety aspects related to mechanical and physical properties
ISO 8124-4	Swings, slides and similar activity toys for indoor and outdoor family domestic use
Mercosur Standard NM-300-1	Safety of toys - part 1: general, mechanical and physical properties
UL 4200A	Products Incorporating Button Batteries or Coin Cell Batteries

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