

Laboratory **SGS India Pvt. Ltd., Testing Laboratory – Transportation, Consumer and Retail, Plot No. 21, Sector 3, IMT, Manesar, Gurgaon, Haryana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6442**

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Validity **17.10.2017 to 16.10.2019**

Last Amended on **12.04.2019**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I. PLASTIC & RESINS				
1.	Polymer & Plastics	Ash Content/ Filler Content	ASTM D 5630:2013 (Method B) ISO 3451-1:2008 (Method A)	1% to 90%
		Water and Soap Spotting	FLTM BI 113-01:2005	Qualitative
		Water and Immersion	FLTM BI 104-01:2001	
		Polymer Identification	ASTM /E 1252:2013	
		Resistance to acid spotting	FLTM BI 113-02:2001	
		Synthetic Perspiration	FLTM BI 113-03:2001	Qualitative (1 to 5 grade)
II. METALLIC COATINGS & TREATMENT SOLUTIONS				
1.	Metallic Coatings	Mass of Zinc Coating	IS 6745:2006	5 g/m ² to 1500 g/m ²
		Chrome Coating Thickness	IS 3203:2006	0.10 µm to 3.0 µm
III. METALS AND ALLOYS				
1.	Carbon Steel	Carbon	IS 228-1:2002	0.05 % to 2.5%
		Manganese	IS 228-2:2002	0.4 % to 2%
		Phosphorus	IS 228-3:2002	0.005 % to 0.5%
		Nickel	IS 228-5:2002	0.1% to 10.2%
		Chromium	IS 228-6:2002	0.1% to 18%
		Molybdenum	IS 228-7:2001	1% to 3%
		Silicon	IS 228-8:2004	0.05% to 1.5%
		Sulphur	IS 228-9:2004	0.01% to 0.15%

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2.	Low alloy Steel	Molybdenum	IS 228-10:2004	0.3% to 1.50%
		Carbon	SO-IN-TRP-T01-MET-13	0.05% to 3.0%
		Manganese	Rev. 20.05.2017;	0.05% to 8.2%
		Silicon	ASTM E 415-17;	0.004% to 5%
		Sulphur	IS 8811:1998	0.001% to 0.30%
		Phosphorus		0.005% to 0.3%
		Chromium		0.01% to 29.0%
		Nickel		0.0 to 58.0%
		Molybdenum		0.006% to 27.0%
		Aluminium		0.003% to 6%
		Arsenic		0.003% to 0.02%
		Cobalt		0.004% to 15.0%
		Copper		0.003% to 32.0%
		Vanadium		0.003% to 1.2%
		Tungsten		0.01% to 15.0%
Lead		0.001% to 0.30%		
Tin		0.001% to 0.20%		
Titanium		0.002% to 5%		
Niobium		0.002% to 5%		
Boron		0.0005% to 0.02%		
3.	Aluminum & Aluminum Alloys	Copper	SO-IN-TRP-T01-MET-13	0.01% to 8%
		Magnesium	Rev. 20.05.2017;	0.001% to 8%
		Silicon	ASTM E1251-11;	0.1% to 11%
		Iron	IS 11035-1984 (RA 2000);	0.1% to 5%
		Manganese	SO-IN-TRP-T01-MET-13	0.02% to 0.4%
		Nickel	Rev. 20.05.2017;	0.02% to 0.1%
		Zinc	ASTM E1251-11;	0.02% to 2.5%
		Lead	IS 11035-1984 (RA 2000)	0.005% to 0.2%
		Tin		0.005% to 0.15%
		Titanium		0.01% to 0.2%
Chromium		0.02% to 0.1%		
Calcium		0.002% to 0.01%		
4.	Copper & Copper Alloys	Tin	SO-IN-TRP-T01-MET-13	0.005% to 8%
		Lead	Rev. 20.05.2017;	0.003% to 0.2 %

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		Zinc	BS EN 15079-2015	0.003% to 17.0%
		Iron		0.005% to 5.0%
		Nickel		0.001% to 5.0%
		Aluminium		0.02% to 8.0%
		Silicon		0.05% to 4.5%
		Arsenic		0.001% to 0.1%
		Manganese		0.02% to 5.0%
		Phosphorus		0.007% to 0.9%
		Chromium		0.04% to 0.1%
5.	Zinc & Zinc Alloys	Aluminium	SO-IN-TRP-T01-MET-13 Rev. 20.05.2017; ASTM E 536:2016; IS 2599-1983 (RA 2000)	0.5% to 4.0%
		Copper		0.04% to 2.5%
		Magnesium		0.001% to 0.02%
		Lead		0.002% to 0.1%
		Cadmium		0.001% to 0.01%
		Tin		0.001% to 0.01%
		Nickel		0.01% to 0.05%
		Iron	0.1% to 0.40%	

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ELECTRICAL TESTING

I. SAFETY TESTING FACILITY				
1.	All Electric Toys	Visual inspection for General Conditions for the tests	IS 15644:2006 + A1:2014 Cl.5	Qualitative
			IEC 62115:2017 Cl.5	
			AS/NZS 62115:2008 Cl. 5	
		Marking & Instructions Verification	IS 15644:2006 + A1:2014 Cl. 7	Qualitative
			IEC 62115:2017 Cl.7	
			AS/NZS 62115:2008 Cl. 7	
		Heating and Abnormal operation	IS 15644:2006 + A1:2014 Cl. 9	15°C to 150°C
			IEC 62115:2017 Cl.9	
			AS/NZS 62115:2008 Cl.9	
Electric strength at operating temperature/ Electric Strength	IS 15644:2006 + A1:2014 Cl.10	Qualitative		
	IEC 62115:2017 Cl.10			
	AS/NZS 62115:2008 Cl.10			
Moisture Resistance/ Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	IS 15644:2006 + A1:2014 Cl.11	Qualitative		
	IEC 62115:2017 Cl.11			
	AS/NZS 62115:2008 Cl.11			
Electric strength at room temperature/ Electric Strength	IS 15644:2006 + A1:2014 Cl.12	Qualitative		
	IEC 62115:2017 Cl.10			
	AS/NZS 62115:2008 Cl.12			
Mechanical Strength	IS 15644:2006 + A1:2014 Cl.13	Qualitative		
	IEC 62115:2017 Cl.12			
	AS/NZS 62115:2008 Cl. 13			
Construction	IS 15644:2006 + A1:2014 Cl.14	1V to 50V		

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			IEC 62115:2017 Cl.13 AS/NZS 62115:2008 Cl.14	
		Protection of cords and wire	IS 15644:2006 + A1:2014 Cl.15 IEC 62115:2017 Cl.14 AS/NZS 62115:2008 Cl.15	Qualitative
		Components (Based on the certificate from Customer)	IS 15644:2006 + A1:2014 Cl.16 IEC 62115:2017 Cl.15 AS/NZS 62115:2008 Cl.16	Qualitative
		Screws and connection	IS 15644:2006 + A1:2014 Cl.17 IEC 62115:2017 Cl.16 AS/NZS 62115:2008 Cl.17	Qualitative
		Clearance and creepage distances	IS 15644:2006 + A1:2014 Cl.18 IEC 62115:2017 Cl.17 AS/NZS 62115:2008 Cl.18	0.1mm to 200mm
		Resistance to heat and fire	IS 15644:2006 + A1:2014 Cl.19 IEC 62115:2017 Cl.18 AS/NZS 62115:2008 Cl.19	Qualitative
2.	T/F Toys & Dual Supply Toys	Power Input	IS 15644:2006 + A1:2014 Cl.8 IEC 62115:2017 Cl.8 AS/NZS 62115:2008 Cl.8	Qualitative
3.	Battery operated Toys	Battery operated Toys	ASTM F963:17 Cl. 4.25	Qualitative
		Stalled Motor Test for battery operated Toys	ASTM F963:17 Cl.8.17	Qualitative
		Test for toys that contain Secondary cells/ batteries	ASTM F963:17 Cl.8.19	Qualitative

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MECHANICAL TESTING

I.	PLASTICS AND PLASTIC PRODUCTS			
1.	Polymer/Plastics	Soiling & Cleanability	FLTM BN 112-08:2015	Qualitative (1 to 5 grade)
		Odor resistance	FLTM BO 131-03:2016	Qualitative
			MS 300-34:2010	1 to 6 grade
			SAE J 1351:2015	1 to 10 grade
		Migration Staining	FLTM BN 103-01:2001	Qualitative
		Flammability	ISO 3795:1989	R:1 to 999 (mm/min) LC:0.5sec
			MS 300-08:2013	
			MVSS-302:1999	
			SAE J 369:2013	
			EDS T 7602:2006	
		Crocking	FLTM BN 107-01:2007	Qualitative (1 to 5 grade)
			MS 652-12:2004	
		Resistance to temperature Cycling	EDS T 7007:2003	Qualitative
Resistance to Low Temperature Impact	FLTM BO151-01:2006	Qualitative		
Weather ability or Fading Resistance for color fastness to light	MS 210-05 CI-4.5:2016	Qualitative Grey Scale grade - Rating 1 to 5		
	MS 210-06:2013 CI :4.4.2			
	HN 1311 CI 4.4:2004			
	SAE J 2412:2015			
	SAE J 2527:2004			
Bond Strength of Trim Assemblies	ISO 105-B06:2002	Qualitative 10 kgf to 1000 kgf, Least Count 0.5N		
	FLTM BN 113-01 : 2001			
Bond Strength Test of interior Trim Assemblies	FLTM BN 121-01 : 2001	Qualitative 10 kgf to 1000 kgf, Least Count 0.5N		

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		Environmental Cycle	FLTM BQ 104-07:2000 HN 1311 C1-4:2004 GMW 14124:2012	Qualitative Temp: (-) 40°C to 200°C Least Count 0.1°C
		Heat Ageing	WSS M15P4E : 2009 WSK M98P5-A:1990 WSK M98P6-A:1996 WSK M98P9-A:2011 MS 210-05 CI-4.4:2016 MS 652-14 CI-5.6:2006 EDS T 7007, CI-5.3:1999 HN 1311 CI-4.3:2004	Qualitative
		Acid Spotting of Finished Part	FLTM BI 113-05 : 2001	Qualitative
		Wear Resistance	MS 210-05:2014,CI-4.8	Qualitative (1 to 5 grade)
		Melt Flow Index	ASTM D 1238 : 2013 ISO 1133-1 & 2:2011	R: 0.15 to 1500 (g/10min)
		Fogging Resistance	SAE J 1756 : 2006	Photometric : 100% Fog Mass: 0.01g to 80 g
		Scratch Resistance	FLTM BO162-01: 2009 MS 652-12 CI-5.4:2004 MS 210-05 CI-4.9:2014	Qualitative 1 to 3 grade 1 to 5 grade
		Tensile Strength	ASTM D 638 : 2014 ISO 527-1 & 2:2012	R:0.5 to 1000 Mpa, L.C:0.5 MPa
		Elongation	ASTM D 638 : 2014 ISO 527-1 & 2 :2012	Extension:400 mm Max L.C:0.5 MPa
		Flexural Strength/Modulus	ASTM D 790 : 2015 ISO 178:2013	R:0.5 to 1000 Mpa, L.C:0.5 MPa
		Abrasion Resistance Test	FLTM BN 108-02:2001 MS 300-31 CI 4.19:2002	Qualitative
		Humidity Ageing	MA-0130:2004	Qualitative
		Thermal Oxidation	HN 1311 CI 4.17:2004	Qualitative 30°C to 200°C

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		Paint Adhesion	FLTM BI 106-01:2010 ISO 2409: 2013	Qualitative (0 to 5 grade)
		Shore A and Shore D Hardness Test	BS EN ISO 868:2003 DIN 53505:2000 ASTM D 2240:2015	Upto 100 Shore A & D L.C : 1
		Density /Specific Gravity	ASTM D 792:2013 ISO 1183-1:2012	R:0.5 g/cm ³ to 5 g/cm ³
		Izod Impact	ISO 180:2013 ASTM D 256:2010	R: 2J to 25J R: 0.2 J to 20 J
		Charpy Impact	ASTM D 6110-2010 ISO 179-1:2010 ISO 179-2:2011	R: 1J to 11J R: 0.1 J to 8.85J
		Heat Deflection Temperature	ASTM D 648:2016 ISO 75-1&2:2013	R: Max 275°C L.C: 1°C
		Vicat Softening Temperature	ASTM D 1525:2009 ISO 306:2013	R: Max 275°C L.C :1°C
		UV Test	ASTM G 154:2016	Qualitative (1 to 5 grade)
		Vibration Test	JIS D 1601:1995	Qualitative
II.	MECHANICAL PROPERTIES OF METALS			
1.	Metal and Alloys	Rockwell Hardness 'A' at 60 Kgf load 'B' at 100 Kgf load 'C' at 150 Kgf load	ASTM E18:2016; IS 1586-1:2012; IS 1586-2:2012; IS 1586-3:2012	20 to 88 HRA/0.1 20 to100 HRBW /0.1 20 to70 HRC/0.1
		Brinell Hardness	IS 1500 (Part 1-4):2013	33 to 650 (HBW 2.5/187.5) 33 to 650 (HBW 5/750) 33 to 650 (HBW10/3000)
		Vickers Hardness Test	IS 1501-1:2013	10 to 900 HV 5 10 to 900 HV10 10 to 900 HV30

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		Micro Vickers Hardness	ASTM E 384:2016 IS 1501-1:2013 IS 1501-4:2013	100 to 900 HV/0.01HV
		Tensile Strength	IS 1608:2005(RA 2017) ASTM E8/E8M:2016a JIS Z 2241:1998	0.5 to 600 kN LC:0.03kN 0.5 to 100kN LC:0.005kN
		Yield Strength	IS 1608:2005(RA 2017) ASTM E8/E8M:2016a JIS Z 2241:1998	0.5 to 600 kN LC:0.03kN 0.5 to 100kN LC:0.005kN
		% Elongation	IS 1608:2005(RA 2017) ASTM E8/E8M:2016a JIS Z 2241:1998	1% to 60 %
		Bend Test	IS 1599:2012(RA 2015)	Mandrel Diameter: 36,40,42,48,54,56,60,64 , 66,72,75,80,88, 100,112, 128,140, 144,160,180,200 mm
		Re-bend Test	IS 1786:2008(RA 2013)	Mandrel Diameter: 40,42,56,60,72,100, 112,128,140,144,160,18 0,200mm
		Mass per Meter Run	IS 1786:2008(RA 2013)	0.222 kg/m to 9.86 kg/m
		Ericksen Cupping Test	IS 10175-1: 1993 (RA2003)	0.2 to 2 mm / 0.1mm
		Izod Impact Test	ASTM E23:2016 IS 1598: 1977(RA2003)	2 to168J / 2J
		V- Notch Charpy Impact Test at room Temp.	ASTM E23:2016 IS 1598: 1977 RA2003 IS 1757:2014	2J to 300J / 2J at 23 ±5°C
		Case Depth of Steel	IS 6416:1988 (RA 2012)	1µm to 1000 µm
		Stone Chipping test	SAE J 400	Qualitative
		CASS Test	ASTM B368: 2009 (RA2014)	Qualitative
		Resistance to Corrosion	ASTM B117:2016 ASTM G85(A1,A2): 2011	Qualitative

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			ISO 9227:2012 ISO 22775 Method 2:2004	
III.	METALLOGRAPHY TEST			
1.	Metal and Alloys	Determination of Average Grain size	ASTM E 112:2013	Qualitative Magnification at 100X ASTM No - 1 to 10
		Determination of Inclusion content of Steel	ASTM E 45:2013	Qualitative analysis Magnification at 100X
		Microstructure Analysis	ASM Handbook Vol.9	Qualitative analysis 50X,100X,200X, 500X& 1000X
		Macrostructure Analysis	ASTM E 340: 2015	Qualitative Magnification 5-20X
		Decarb Depth of Steel	IS 6396:2000 ASTM E1077 :2001	1 to 1000 µm LC:1 micron Magnification 100 X
		Coating Thickness using Microscope	ASTM B487: 1985 ISO 1463: 2003 ASTM E376: 2011	1 to 1000 µm LC:1 micron
IV.	TOYS AND SIMILAR PRODUCTS			
1.	All type of toys	Material Cleanliness/ Assembly	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 (Cl. 4.1/Cl.4.2) ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 (Cl.4.3) ASTM F 963 -2017; (Cl.4.1)	Qualitative (Visual Observation)

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		Flammability Test	BS EN 71-2:2014/ EN 71-2:2014 NF EN 71-2:2014 ISO 8124 Part 2:2014 AS/NZS/ISO 8124 Part 2:2016 IS 9873 Part 2 :2017 ASTM F 963-2017 (Cl.4.2) 16 CFR1500.44	Qualitative
2.	Expanding Materials, Marbles, Spherical Hemispherical toys, Bolts/ Threads and rods, Projectiles, Wheels, Tires and Axles, Simulated Protective devices, Small Objects, Projectile Toys, Teethers & Teething Toys, Rattles, Squeeze toys, Stuffed & beanbags, Toy Guns	Abuse Test	ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 (Cl. 5.24(4.3.2, 4.5.7, 4.5.8,4.6.5,4.18)) ASTM F 963 -2017 {Cl. 8.6 -8.10, (4.14, 4.17,4.19,4.21,4.22,4.23,4.24, 4.25,4.26,4.30,4.36)} 16 CFR 1500.50 to 53	Qualitative
		Small parts/object Test	BS EN 71-1:2014/ EN 71-2:2014 NF EN 71-1:2014 {Cl.8.2(4.6,4.11, 4.18, 4.23.2, 4.23.3, 4.25, 5.1, 5.2)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1: 2016 IS 9873 Part 1 :2017; {Cl.5.2(4.3.2,4.5.6, 4.22,4.18)} ASTM F 963 -2017 (Cl. 4.6) 16 CFR 1500.51 16 CFR 1501	Qualitative (Visual Observation)
		Torque test	BS EN 71-1:2014/ EN 71-2:2014	Qualitative Torque:1 to 55 (c.Nm)

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			NF EN 71-1:2014 {Cl.8.3(4.6, 4.11, 4.14.2, 4.17, 4.18, 4.22, 4.23.2, 4.25, 5.1,5.10, 5.12, 5.13 and Cl.6)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1: 2016	
			IS 9873 Part 1 :2017 {Cl. 5.6 (4.5.4,4.5.6, 4.6.5, 4.18,4.22)}	
			ASTM F 963 -2017; (Cl.8.8)	
			16 CFR 1500.52	
		Tension test	BS EN 71-1:2014/ EN 71-2:2014	(Qualitative Tension: Max=45lbs, Min=0.25lbs),
			NF EN 71-1:2014 {Cl.8.4(4.6, 4.11, 4.14.2, 4.17, 4.18, 4.22, 4.23, 4.25, 5.1, 5.3, 5.10, 5.12, 5.13 and Cl.6)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017 {Cl.5.24.6.3, 5.5 (4.5.3,4.5.6,4.6.5,4.18,4.22)}	
			ASTM F 963 -2017 {Cl.8.9, 8.16 (4.27,4.35)}	
			16 CFR 1500.53	
		Drop test	BS EN 71-1:2014/ EN 71-2:2014	Qualitative Scale Measurement (1-1000mm)
			NF EN 71-1:2014 {Cl.8.5(4.5, 4.6, 4.10.2, 4.14.2, 4.22, 4.23.2, 4.25, 5.1, 5.10, 5.12 and 5.13)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1: 2016	

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		Tip over test	IS 9873 Part 1 :2017 {CI 5.24.2 (4.5.6)} BS EN 71-1:2014/ EN 71-2:2014 NF EN 71-1:2014 {CI 8.6 (4.10.2, 4.22, 4.23.2, 5.1, 5.10, 5.12 and 5.13)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1: 2016 IS 9873 Part 1 :2017 {CI 5.24.3} ASTM F 963-2017; (CI 4.15)	Qualitative (Visual Observation)
		Impact test	BS EN 71-1:2014/ EN 71-2:2014 NF EN 71-1:2014 {CI 8.7 (4.5, 4.6, 4.10.2, 4.14.2, 4.22, 4.23.2, 4.25, 5.1, 5.10, 5.12, 5.13 and A.38)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017; {CI 5.14 (4.17,4.18)} ASTM F 963 -2017 (CI 8.7)	Qualitative Scale Measurement (1mm-1000mm)
		Compression test	BS EN 71-1:2014/ EN 71-1:2014 ASTM F 963 -2017 (CI 8.10) ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017;	Qualitative (Max=45lbs, Min=0.25lbs),

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			{CI 5.24.7 (4.6.5)} NF EN 71-1:2014 {CI 8.8(4.6, 4.14.2, 4.22, 4.23.2, 4.25, 5.1, 5.10, 5.12, 5.13 and A.39)}	
		Flexural test	ASTM F 963-2017 (CI 8.12, I 4.10)	Qualitative
		Rattle test	ASTM F 963 -2017 (CI.4.23) 16 CFR 1510	Qualitative
		Test for Pacifier	ASTM F 963-2017 16 CFR 1511	Qualitative
3.	Mouth actuated Toys, Hemi spherical-shaped Toys	Soaking test	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.9 (see 4.11, 4.23.2, 5.1, 5.10 and 5.12)}	Qualitative Timer R : Upto 99 min L.C : 0.01 sec Visual Observation
4.	Balloons & Expanding Material	Dimension of Expanding material/ Balloons	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.14(see 4.6) CI 4.12}; ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016; IS 9873 Part 1 :2017 {CI 5.21 (4.3.2, 4.5.6)}	Qualitative (Visual Observation)
5.	Glass & Marbles, Metallic wire & rods, Toy with edges, Folding, sliding & Locking Mechanism, Soft Toys	Accessibility of a part or component	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.10 (4.5, 4.7, 4.8, 4.10.2, 4.10.4, 4.15.1.3, 4.21, 5.2 and 5.7)}; ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016;	Qualitative (Visual Observation)

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			IS 9873 Part 1 :2017 {CI 4.14 , 4.13}	
			ASTM F 963 -2017 (CI 4.18)	
		Sharpness of edges	BS EN 71-1:2014/ EN 71-1:2014	Qualitative (Visual Observation)
			NF EN 71-1:2014; {CI 8.11 (4.5, 4.7, 4.9, 4.10.2, 4.14.2, 4.15.1.3 and 5.1)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017; {CI 5.8 (4.6.1 to 4.6.4, 4.18, 4.22)}	
			ASTM F 963-2017 (CI 4.7, 4.11,4.21)	
			16 CFR 1500.49	
		Sharpness of points	BS EN 71-1:2014/ EN 71-1:2014	Qualitative (Visual Observation)
			NF EN 71-1:2014 {CI 8.12 (4.5, 4.8, 4.9, 4.10.2, 4.14.2, 4.15.1.3, 5.1 and A.40)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017 {CI 5.9 , 4.7 (4.18, 4.22)}	
			ASTM F 963 -2017; (Clause 4.9, 4.11,4.21)	
			16 CFR 1500.49	
		Flexibility Test of metallic wires	BS EN 71-1:2014/ EN 71-1:2014	Qualitative (Visual Observation)

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			NF EN 71-1:2014; {CI 8.13 (see 4.8 and A.41)}	
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017; {CI 5.24.8.2, 5.24.8.3 (4.9)}	
6.	Play Figures	Template Test	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014;{CI 8.16 (see 5.8, 5.11 and A.43), 8.33 (5.11)}; ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1: 2016 IS 9873 Part 1 :2017 {CI 5.6 (4.5.4)}	Qualitative (Visual Observation)
7.	Cord, straps and Elastics in Toys	Dimension of Cords cross-sectional	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.20(see 5.4 a)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 5.11.1 (4.11)} ASTM F 963 -2017(CI 8.23)	Qualitative (Visual Observation)
		Static strength Test	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014; {CI 8.21(see 4.15.1.3, 4.15.1.5, 4.15.3, 4.15.4 and A.46)}	Qualitative (Visual Observation)
8.	Rocking Horses, Propellers	Stability Test	BS EN 71-1:2014/ EN 71-1:2014	Qualitative (Visual Observation)

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			NF EN 71-1:2014 {CI 8.23.1(see 4.15.1.4, 4.15.3 and 4.15.4)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1: 2016 IS 9873 Part 1 :2017 {CI 4.30.4, 5.12.2, 5.12.3, 5.12.4, 5.12.6 (4.15, 5.12.2)} ASTM F 963-2017 (CI 4.15)	
9.	Flexi plastic sheeting & Packaging's	Thickness of Plastic sheeting	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.25 (4.3,5.3 & 6)} ISO 8124 Part 1:2014; AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 5.10 (4.10)} ASTM F 963-2017 (CI 8.22, 4.12)	0 mm to1mm
10.	Projectiles, Suction Cup & Small Balls	Small balls and suction cups test	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.32 (4.17, 4.22, 4.25, 5.10 and 5.13)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 5.4 (4.5.2)}	Qualitative (Visual Observation)
11.	Cord, Chains, straps and Electrical cables	Perimeter of cords and chains	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.36(5.4c	Qualitative Scale up to 1000m

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	in Toys		and 5.4 d)) ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 4.11.1} ASTM F 963 -2017 (CI 4.14)		
		Length of cords, chains and electrical cables	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 {CI 8.40 (5.4 b), 5.4 c), 5.4 g), 5.4 h) and 5.4 i)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 4.11.1} ASTM F 963-2017 (CI 4.14)	Qualitative Scale up to 1000m	
		Label / Verification	BS EN 71-1:2014/ EN 71-1:2014 NF EN 71-1:2014 (Clause 7) ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 ASTM F 963 -2017 {CI 5, 6, 7, (CI 4.26, 4.28,4.31, 4.32,4.33,4.34)}	Qualitative (Visual Inspection)	
12.		Pacifiers, Projectiles, Toy with Spherical/	Shape & Size	ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017	Qualitative

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	Hemispherical ends, Tethers & Teething Toys, Mouth actuated Toys, Locking/ Folding Mechanism & Hinges	Test for Mouth Actuated Toys	{CI 5.3 (4.5.1.2 to 4.5.1.4)}	Qualitative
			ASTM F 963-2017	
			CI 4.14,4.20, 4.32,4.36)	
			16 CFR 1511	
		Test for Projection	ISO 8124 Part 1:2014	Qualitative
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017 {CI 4.26 (4.5.6)}	
			ASTM F 963-2017(CI 4.22)	
		Load test	16 CFR 1510	Qualitative
			ISO 8124 Part 1:2014	
			AS/NZS/ISO 8124 Part 1:2016	
			IS 9873 Part 1 :2017 {CI 4.8}	
13. Toys with confined spaces & enclosures	Dimension Test for enclosures	ASTM F 963 -2017 (CI 4.8)	Qualitative	
		ISO 8124 Part 1:2014		
		AS/NZS/ISO 8124 Part 1:2016		
		IS 9873 Part 1 :2017 {CI 5.13.1 (4.16)}		
		ASTM F 963-2017 (CI 4.16)		
		ISO 8124 Part 1:2014		
	Lid Support Test	AS/NZS/ISO 8124 Part 1:2016	Qualitative	
		IS 9873 Part 1 :2017		
		ISO 8124 Part 1:2014		
		AS/NZS/ISO 8124 Part 1:2016		
		IS 9873 Part 1 :2017		
		ISO 8124 Part 1:2014		

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		Durability Test	{CI 5.13.2.1 (4.16)} ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 5.13.2 (4.16)}	Qualitative
14.	Aquatic Toys	Labeling and warning Verification.	ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 4.20}	Qualitative
15.	Liquid Filled Toys Mouth Actuated Toys Teethers and Teething Toys	Leakage Test	ISO 8124 Part 1:2014 AS/NZS/ISO 8124 Part 1:2016 IS 9873 Part 1 :2017 {CI 5, 5.19}	Qualitative
16.	Toys and Children Products (Projectile Toys)	Kinetic Energy Test	IS 9873-1:2017, Cl. 4.18, Cl. 5.15 ISO 8124-1:2014, Cl. 4.18, Cl. 5.15 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 5.15 ASTM F963-17, Cl.4.21, Cl. 8.14 EN 71-1:2014+A1: 2018, Cl.4.17, Cl. 8.24.1 & 8.24.2	Up to 9J
		Length of suction cup projectile	IS 9873-1:2017, Cl. 4.18, Cl. 5.37 ISO 8124-1:2014, Cl. 4.18, Cl. 5.37 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 5.37	Up to 200mm
		Torque Test	IS 9873-1:2017; Cl. 4.18, Cl.5.24.5 ISO 8124-1:2014;	Qualitative

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			Cl. 4.18, Cl.5.24.5 AS/NZS 8124-1:2016; Cl. 4.18, Cl.5.24.5 ASTM F963-17, Cl.4.21, Cl. 8.8 EN 71-1: 2014+ A1: 2018, Cl. 4.17, Cl. 8.3	
		Small part	IS 9873-1:2017; Cl. 4.18, Cl. 5.2 ISO 8124-1:2014; Cl. 4.18, Cl. 5.2 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 5.2	Qualitative
		Tension Test	IS 9873-1:2017; Cl. 4.18, Cl. 5.24.6 ISO 8124-1:2014; Cl. 4.18, Cl. 5.24.6 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 5.24.6 ASTM F963-17, Cl.4.21, Cl. 8.9 EN 71-1: 2014+ A1: 2018, Cl. 4.17, Cl. 8.4.2	Qualitative
		Tip assessment of rigid projectile	IS 9873-1:2017; Cl. 4.18, Cl. 5.36 ISO 8124-1:2014; Cl. 4.18, Cl. 5.36 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 5.36	Qualitative
		Small ball test/ Small ball and suction cup	IS 9873-1:2017; Cl. 4.18, Cl. 5.4 ISO 8124-1:2014; Cl. 4.18, Cl. 5.4 AS/NZS 8124-1:2016;	Qualitative

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			Cl. 4.18, Cl. 5.4 EN 71-1: 2014+ A1: 2018, Cl. 4.17, Cl. 8.32.1	
		Rotors and propellers	IS 9873-1:2017; Cl. 4.18, Cl. 4.19 ISO 8124-1:2014; Cl. 4.18, Cl. 4.19 AS/NZS 8124-1:2016; Cl. 4.18, Cl. 4.19	Qualitative
		Normal use Testing	ASTM F963-17, Cl.4.21, Cl. 8.5	Qualitative
		Abuse Test	ASTM F963-17, Cl.4.21, Cl. 8.6	Qualitative
		Impact Test	ASTM F963-17, Cl.4.21, Cl. 8.7	Qualitative
		Compression Test	ASTM F963-17, Cl.4.21, Cl. 8.10	Qualitative
17.	Magnets and Magnetic Components	Magnetic flux index/ Flux Density Measurement	IS 9873-1:2017; Cl.4.31, Cl. 5.32 ISO 8124-1:2014; Cl.4.31, Cl. 5.32 AS/NZS ISO 8124 -1:2016, Cl.4.31, Cl. 5.32 ASTM F963-17, Cl.4.38, Cl. 8.25.1 EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.35	98.95 G to 998.75 G
		Impact test for magnets	IS 9873-1:2017; Cl. 4.31, Cl. 4.33 ISO 8124-1:2014; Cl. 4.31, Cl. 4.33 AS/NZS ISO 8124 -1:2016; Cl. 4.31, Cl. 4.33 ASTM F963-17,	Qualitative

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			.4.38, Cl. 8.25.4.6	
			EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.7	
		Soaking test for magnets	IS 9873-1:2017; Cl. 4.31, Cl. 5.34	Qualitative
			ISO 8124-1:2014; Cl. 4.31, Cl. 5.34	
			AS/NZS ISO 8124 -1:2016; Cl. 4.31, Cl. 5.34	
			ASTM F 963 – 17; Cl. 4.38, Cl.8.25.4.1	
		Drop Test	ASTM F963-17, Cl.4.38, Cl. 8.25.4.3	Qualitative
			EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.5	
		Torque Test	ASTM F963-17, Cl.4.38, Cl. 8.25.4.4	Qualitative
			EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.3	
		Tension test	ASTM F963-17, Cl.4.38, Cl. 8.25.4.5	Qualitative
			EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.4.2.1	
		Compression Test	ASTM F963-17, Cl.4.38, Cl. 8.25.4.7	Qualitative
			EN 71-1:2014+A1: 2018, Cl. 4.23, Cl. 8.8	
		Small Part cylinder	EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.2	Qualitative
		Seams Test	EN 71-1: 2014+ A1: 2018, Cl. 4.23, Cl. 8.4.2.2	Qualitative
18.	Mouth Actuated and other toys intended to be	Small part	IS 9873-1:2017; Cl. 4.26, Cl. 5.2	Qualitative
			ISO 8124-1:2014	

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	put in the mouth		Cl. 4.26, Cl. 5.2 AS/NZS 8124 -1:2016, Cl. 4.25, Cl. 5.2 EN 71-1: 2014+ A1: 2018, Cl. 4.11, Cl. 8.2	
		Tension test	IS 9873-1:2017; Cl. 4.26, Cl. 5.24.6 ISO 8124-1:2014 Cl. 4.26, Cl. 5.24.6 AS/NZS 8124 -1:2016, Cl. 4.25, Cl. 5.24.6 EN 71-1: 2014+ A1: 2018, Cl. 4.11, Cl. 8.4.2.1	Qualitative
		Torque test	IS 9873-1:2017; Cl. 4.26, Cl. 5.24.5 ISO 8124-1:2014 Cl. 4.26, Cl. 5.24.5 AS/NZS 8124 -1:2016, Cl. 4.25, Cl. 5.24.5 EN 71-1: 2014+ A1: 2018, Cl. 4.11, Cl. 8.3	Qualitative
		Durability test	IS 9873-1:2017; Cl. 4.26, Cl. 5.20 ISO 8124-1:2014 Cl. 4.26, Cl. 5.20 AS/NZS 8124 -1:2016, Cl. 4.25, Cl. 5.20 EN 71-1: 2014+ A1: 2018, Cl. 4.11, Cl. 8.17	Qualitative
		Test for Mouth Actuated toys	ASTM F963-17, Cl.4.6.2, Cl. 8.13.1	Qualitative
		Soaking test	EN 71-1: 2014+ A1: 2018, Cl. 4.11, Cl. 8.9	Qualitative

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19.	Ride on Toys	Stability test & Overload test	IS 9873(Part1):2017; Cl. 4.15, Cl. 5.12	Qualitative
			ISO 8124 -1:2014; Cl. 4.15, Cl. 5.12	
			AS/NZS 8124 -1:2016; Cl. 4.15, Cl. 5.12	
		Dynamic strength test	Qualitative	IS 9873-1:2017; Cl. 4.15, Cl. 5.24.4
				ISO 8124-1:2014; Cl. 4.15, Cl. 5.24.4
				AS/NZS 8124 -1:2016; Cl. 4.15, Cl. 5.24.4
				ASTM F963-17, Cl.4.15, Cl. 8.21
		Over Load Test	Qualitative	EN 71-1: 2014+ A1: 2018, Cl. 4.15, Cl. 22
				IS 9873-1:2017; Cl. 4.15, Cl. 5.12.5
				ISO 8124-1:2014; Cl. 4.15, Cl. 5.12.5
				AS/NZS 8124 -1:2016; Cl. 4.15, Cl. 5.12.5
		Stability Test	Qualitative	ASTM F963-17, Cl.4.15, Cl. 8.28
IS 9873-1:2017; Cl. 4.15, Cl. 5.12.6				
ISO 8124-1:2014; Cl. 4.15, Cl. 5.12.6				
AS/NZS 8124 -1:2016; Cl. 4.15, Cl. 5.12.6				
ASTM F963-17, Cl.4.15, Cl. 8.15				
EN 71-1: 2014+ A1: 2018, Cl. 4.15, Cl. 8.23.1				

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		Impact test	ASTM F963-17, Cl.4.15, Cl. 8.7	Qualitative
		Torque test	ASTM F963-17, Cl.4.15, Cl. 8.8	Qualitative
		Tension test	ASTM F963-17, Cl.4.15, Cl. 8.9	Qualitative
		Compression test	ASTM F963-17, Cl.4.15, Cl. 8.10	Qualitative
		Sharp Edge	EN 71-1: 2014+ A1: 2018, Cl. 4.15, Cl. 8.11	Qualitative
		Sharp Point	EN 71-1: 2014+ A1: 2018, Cl. 4.15, Cl. 8.12	Qualitative
		Static strength	EN 71-1: 2014+ A1: 2018, Cl. 4.15, Cl. 8.21	Qualitative
20.	Toy Scooter	Static strength	IS 9873-1:2017; Cl. 4.26, Cl. 5.26 ISO 8124-1:2014; Cl. 4.26, Cl. 5.26 AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.26 EN 71-1: 2014+ A1: 2018, Cl. 4.15.5, Cl. 8.21	Qualitative
		Dynamic strength	IS 9873-1:2017; Cl. 4.26, Cl. 5.27 ISO 8124-1:2014; Cl. 4.26, Cl. 5.27 AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.27 EN 71-1: 2014+ A1: 2018, Cl. 4.15.5, Cl. 8.22	Qualitative
		Sharp-edge test	IS 9873-1:2017; Cl. 4.26, Cl. 5.8 ISO 8124-1:2014; Cl. 4.26, Cl. 5.8	Qualitative

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			AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.8	
		Sharp-point test	IS 9873-1:2017; Cl. 4.26, Cl. 5.9	Qualitative
			ISO 8124-1:2014; Cl. 4.26, Cl. 5.9	
			AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.9	
		Strength of toy scooter steering tubes	IS 9873-1:2017; Cl. 4.26, Cl. 5.29	Qualitative
			ISO 8124-1:2014; Cl. 4.26, Cl. 5.29	
			AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.29	
			EN 71-1: 2014+ A1: 2018, Cl. 4.15.5, Cl. 8.27	
		Resistance to separation of handle bar	IS 9873-1:2017; Cl. 4.26, Cl. 5.30	Qualitative
			ISO 8124-1:2014; Cl. 4.26, Cl. 5.30	
			AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.30	
		Brake performance for toy scooters	IS 9873-1:2017; Cl. 4.26, Cl. 5.28	Qualitative
			ISO 8124-1:2014; Cl. 4.26, Cl. 5.28	
			AS/NZS 8124 -1:2016; Cl. 4.30, Cl. 5.28	
			EN 71-1: 2014+ A1: 2018, Cl. 4.15.5, Cl. 8.26.3	
		Warnings and instructions for use	IS 9873-1:2017; Cl. 4.26, Annex B.2.20	Qualitative
			ISO 8124-1:2014; Cl. 4.26, Annex B.2.20	

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		Stability Strength	AS/NZS 8124 -1:2016; Cl. 4.30, Annex B.2.20 EN 71-1: 2014+ A1: 2018, Cl. 4.15.5, Cl. 8.23	Qualitative
V.	PAPER & PAPER PRODUCTS			
1.	Packaging (Corrugated Boards/Paper & paper boards)	Thickness Test	ISO 3034:2011	Up to 25mm, LOD: 0.01mm
		Bursting Strength Test(corrugated sheet) Paper sheet	ISO 2759:2014	2.9 kg/cm ² to 45 kg/cm ²
			TAPPI T 810:2011	0.71 kg/cm ² to 14 kg/cm ²
			ISO 2758:2014/ TAPPI T 403:2010; IS 1060-1:1966 RA 2009	
		Puncture Resistance Test	ISO 3036:1975	R:0-1600 Beach unit, LC :Scale A=20, Scale B=40, Scale C=100
			IS 4006 Part 2:2002; TAPPI T 803:2010	
		Cobb Test	IS 1060 Part 1:1966 RA 2009	Range:0 to 450g/m ²
			ISO 535:2014	
			TAPPI T 441:2013	
		Compression Test (Empty carton box)	TAPPI T 804:2012	Visual observation/ damage at load Up to 1300kgf,
	IS 7028 Part 6:1987 RA 2002			
	Moisture Content	ISO 287:2009	R:25°C to 250°C LC:1°C	
		IS 1060 Part-1:1966 RA 2004		
	GSM (Grammage)	TAPPI T 410:2013	R: 50g/m ² to 1900 g/m ²	
		ISO 536:2012		
		ASTM D 646:2013		
	Edge Crush Testing	TAPPI T811-om 11	562 Lb/inch 50 KN/m	
		ISO 3037-2013		
2.	Packaging (shipping box)	Transit Test (Drop/ vibration/compression)	ISTA 1A:2014	Qualitative (Visual Observation)
			ISTA 2A:2011	

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		Vibration Testing of the shipping Containers	ISTA 1C:2014 ASTM D 999:2008	Qualitative (Visual Observation)
		Compressive Resistance of the Shipping Container/Stacking	ASTM D 642:2015 TAPPI T 804:2012 IS 7028 Part 6:1987 RA 2002 ISO 12048:1994 BS EN 12048:2001 ISO 2234:2000	Visual observation at Load up to 1300kgf
		Drop Test /of the transport boxes by free fall	ASTM D 5276:1998 RA 2009 ISO 2248:1985	Qualitative (Visual Observation)
		Performance testing for shipping containers and system	ASTM D 4169:2016 (Schedule A, B, C, F, H, J)	Qualitative (Visual Observation)
VI.	PERFORMANCE/DURABILITY/ SAFETY TEST			
1.	Glass Containers	Annealing Test	ASTM F 2179:2014 (Scratch Test)	Qualitative (Visual Observation)
		Thermal Shock Resistance of Glass Containers	ASTM C149:2014; EN 1183:1997	Qualitative (Visual Observation)
2.	Metal Plated Items	Cross Cut Adhesion	ASTM D 3359:2017	Scale 0 to 5
3.	Candles/Candle Holder	Product safety of labels	EN 15494:2007	Qualitative (Visual Observation)
		Specification for sooting behavior	EN 15426:2007	Soot Index < 1/hr (Individual), Soot Index < 2/hr (Avg)
		Candle fire safety Labeling	ASTM F 2058:2014	Qualitative (Visual Observation) / Time (0-60 sec)

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		Candle burning Performance, Stability, Tea light cup stability	ASTM F 2417:2016	Qualitative (Visual Observation)/ Flame height (0-150mm)
		Burning performance, Flame height, Stability	EN 15493:2007	
		Labeling/Packaging	16 CFR 500, 2013 16 CFR 500.7:2013 16 CFR 501.7:2013 16 CFR 500.27:2013 16 CFR 500.28:2013	Qualitative (Visual Observation)
4.	Candles/ candle holder	Country of Origin Marking	19 CFR 134:2013	Qualitative (Visual Observation)
		Temperature Raise Test for Candleholder	SGS-TM-HL-00155-2	Upto 150°C
		Fire Safety for Candle Accessories	ASTM F 2601:2016a	Qualitative (Visual Observation)
5.	Glass/ ceramic/ plastic containers	Microwave test	SGS-TM-HL-00123/EN 15284:2007	Qualitative (Visual Observation)
		Dishwasher test	SGS-TM-HL-00010	
6.	Furniture Testing	General Purpose Office Chairs - Tests	ANSI/BIFMA X5.1-2017	Qualitative (Visual Examination)
		Backrest strength test-static-type I and II	CI 5	
		Backrest strength test-static-type III	CI 6	
		Swivel test—cyclic	CI 8	
		Tilt mechanism test-cyclic	CI 9	
		Seating durability test-cyclic	CI 10	
		Front corner load-ease test (cyclic- off center)	CI 10.4	
		Stability test	CI 11	
		Rear stability	CI 11.3	

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		Desk/Table Products – Tests	ANSI/BIFMA X5.5 – 2014	Qualitative (Visual Examination)
		Clearance Between Adjusting primary & secondary Surfaces	CI 3.3	
		Loading configuration Test	CI 3.9	
		Stability with Extendible Elements Open Test	CI 4.2	
		Stability Under Vertical Load Test	CI 4.3	Qualitative (Visual Examination)
		Horizontal Stability Test for Desk/Tables with Casters	CI 4.4	
		Stability Test for Keyboard/Laptop Tables (with and without casters)	CI 4.5	
		Force Stability Test for Tall Desk/Table Products	CI 4.6	
		Unit Strength Test	CI 5	
		Concentrated Functional Load Test	CI 5.2	
		Distributed Functional Load Test	CI 5.3	
		Concentrated proof load test	CI 5.4	
		Distributed proof load test	CI 5.5	
		Transaction Surface Torsion Load Test	CI 5.6	
		Extendible Element Static Load Tests	CI 5.7	
		Benching Systems –	CI 5.8	

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		Lounge and public Seating- Tests	ANSI/BIFMA X5.4- 2012 (Excluding for multiple seating and CI14, 15)	
		Small office/Home office furniture - Tests	ANSI SOHO S6.5- 2008 (R 2013) (Excluding CI 6 only)	
		General-Purpose Large Occupant Office Chairs – Tests	ANSI/BIFMA X5.11- 2015 (Excluding CI: 8, 11.3)	
		Educational Seating - Tests	ANSI/BIFMA X6.1- 2012 (Excluding for multiple seating and CI 8, 10.3.1)	
		Standard consumer Safety Specification for Bunk Beds	ASTM F1427: 2013	
		Standard Performance Requirements for Child’s Plastic Chairs for Outdoor Use	ASTM F1838 – 98 (R 2008)	
		Standard Safety Specification for Clothing Storage Units	ASTM F2057: 2014	Qualitative (Visual Examination)
		Furniture — Strength, durability and safety — Requirements for domestic seating	BS EN 12520:2015 (Excluding for multiple seating)	
		Furniture - Strength, Durability and Safety - Requirements for domestic tables	EN 12521:2015	
		Outdoor furniture - Seating and Tables for Camping, Domestic and Contract use – Part 1. General Safety Requirements	BS EN 581-1:2017.	

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		Outdoor furniture - Seating and Tables for Camping, Domestic and Contract use – Part 2. Mechanical Safety Requirements and Test Methods for Seating	BS EN 581-2:2015 (Excluding for multiple seating and Cl: 6, 6.1, 6.2, 8, 8.1, 8.2)	
		Outdoor furniture - Seating and Tables for Camping, Domestic and Contract use - Part 3. Mechanical Safety Requirements and Test Methods for Tables	BS EN 581-3:2007	
		Furniture Domestic and kitchen storage units and kitchen worktops - Safety requirements and test methods	EN 14749:2016	