CERTIFICATE OF ACCREDITATION

This is to attest that

SIGMA TEST & RESEARCH CENTRE

99, PHASE 2, BADLI INDUSTRIAL AREA
NEW DELHI, DL, 110042, REPUBLIC OF INDIA

Testing Laboratory TL-1170

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 September 6, 2023

IAS ACCREDITED

President

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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SIGMA TEST & RESEARCH CENTRE

www.sigmatest.org

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Accredited to ISO/IEC 17025:2017 *Effective Date September 6, 2023*

Water – Chemical	
APHA 2120B	Standard Test Methods for Color – Visual Comparison Method
APHA 2130B	Standard Test Methods for Turbidity – Nephelometric Method
APHA 2150B	Standard Test Methods for Odor – threshold odor Test Method
APHA 2160C	Standard Test Methods for Taste – flavor rating assessment (FRA)
APHA 2320B	Standard Test Methods for Total Alkalinity – Titration method
APHA 2340 C	Standard Test Methods for Hardness – EDTA Titrimetric Method
APHA 2540C	Standard Test Methods for Solids – Total Dissolved Solids Dried at180°C
APHA 3500-Ca B	Standard Test Methods for Calcium – EDTA Titrimetric Method
APHA 3500-K.B	Standard Test Methods for Potassium – Flame Photometric Method
APHA 3500-Mg B	Standard Test Methods for Magnesium – Calculation Method
APHA 3500 Na.B	Standard Test Methods for Sodium – Flame Emission Photometric Method
APHA 4500-Cl B	Standard Test Methods for Chloride – Argentrometric Method
APHA 4500 CN.C	Standard Test Methods for Cyanide – Total Cyanide after Distillation
APHA 4500F. D	Standard Test Methods for Fluoride – SPADNS Method
APHA 4500H+B –	Standard Test Methods for pH Value – Electrometric Method
APHA 4500 - NH3 C	Standard Test Methods for Nitrogen (Ammonia) – Titrimetric Method
APHA 4500-NO2-B	Standard Test Methods for Nitrogen (Nitrite) – Colorimetric Method
APHA 4500-NO3.B	Standard Test Methods for Nitrogen (Nitrate) – ultraviolet spectrophotometric screening Method
APHA 4500 O.C	Standard Test Methods for Oxygen (Dissolved) – Azide Modification
APHA 4500 SO4 2-E	Standard Test Methods for Sulphate – Turbidimetric Method
APHA 4500S2 D	Standard Test Methods for Sulphide – methylene blue Method

APHA 5520C	Standard Test Methods for Mineral oil – Partition Infrared Method
APHA 5530C	Standard Test Methods for Phenolic Compounds – Chloroform Extraction Method
APHA 5540C	Standard Test Methods for Anionic detergents (as MBAS)
IS 3025 (P-26):2021	Standard Test Methods for Free Chlorine (Residual), Total Chlorine & Chloramines – Titrimetric Method Using DPD
Water – Residues	
AOAC 990.06	Standard Test Methods for the Organochlorine pesticide in water
APHA 3125	Standard Test Methods for Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
APHA 6232	Standard Test Methods for trihalomethanes (THM) and chlorinated organic solvents
US EPA 507	Determination of Nitrogen- and Phosphorus-Containing Pesticides in Water by Gas Chromatography with a Nitrogen-Phosphorus Detector
US EPA 508	Determination of Chlorinated Pesticides in Water by Gas Chromatography with an Electron Capture Detector
US EPA 515.1	Determination of Chlorinated Acids in Water by Gas Chromatography with an Electron Capture Detector
US EPA 532	Determination of Phenylurea Compounds in Drinking Water by Solid-Phase Extraction and High-Performance Liquid Chromatography with UV Detection
US EPA 1657A	The Determination of Organo-Phosphorus Pesticides in Municipal and Industrial Wastewater
US EPA 8141A	Standard Test Methods for the organophosphorus (OP) compounds by Gas Chromatography: Capillary Column Technique
Water – Biological	
APHA 9221B	Standard Test Method for Total Coliforms
IS 15185:2016	Detection and Enumeration of Escherichia Coli and Coliform Bacteria – Membrane Filtration Method for Water with Low Bacterial Background Flora
Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS)	
IEC 62321-5:2013	Determination of Certain substances in Electro technical Products – Part 5: Cadmium, lead and chromium in polymers and Electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS
IEC 62321-6:2015	Determination of Certain substances in Electro technical Products – Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography - mass spectrometry (GC-MS)

IEC 62321-8:2017	Determination of Certain substances in Electro technical products – Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC- MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS)
Electronics – EnvironmentalTest Facility Vibration Test	
IEC 60068-2-6:2007	Environmental testing – Part 2-6: Tests-Test Fc: Vibration (sinusoidal)
IEC 61373: 2010	Railway Application – Rolling Stock Equipment – Shock and Vibration Tests
Mechanical	
ASTM B117	Performance/Durability/Safety Test Standard Practice for Operating Salt Spray (Fog) Apparatus
Mechanical – Matrix: Toys and Similar Products	
EN 71-1	Safety of toys – Part 1: Mechanical and physical properties
EN 71-2	Safety of toys Flammability
IS 9873-1	Safety aspect related to mechanical and physical properties
IS 9873-2	Safety of Toys – Part 2 Flammability
Chemical – Matrix: Toys and Similar Products	
AATCC TM81	Test Method for pH of the Water – Extract from Wet Processed Textiles
BS EN ISO 3071	Textiles. Determination of pH of aqueous extract
BS EN ISO 14184-1	Textiles. Determination of formaldehyde Free and hydrolised formaldehyde (water extraction method)
BS EN ISO 14184-2	Textiles. Determination of formaldehyde Released formaldehyde (vapour absorption method)
Chemical – Hazardous & Restricted Chemicals **Matrix: Electrical & Electronic Product Containing Chemical, Polymer & Metal Under ROHS Regulation**	
IEC 62321-4	Determination of certain substances in electro-technical products – Part 4: Mercury in polymers, metals and electronics by ICP-OES and ICP-MS. Test Parameter: Mercury Quantification by ICP-OES and ICP-MS.
IEC 62321-5	Determination of certain substances in electro-technical products – Part-5: Cadmium Lead and Chromium in polymers and electronics and cadmium and lead in metals by ICP-OES and ICP-MS. Test Parameters: Lead, Cadmium & Chromium Quantification by ICP-OES and ICP-M
IEC 62321-6	Determination of certain substances in electro-technical products – Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS)

	Test Parameters: Polybrominated biphenyls and polybrominated diphenyl Ethers
IEC 62321-7-1	Determination of certain substances in electro-technical products – Part 7-1: Hexavalent chromium – Presence of hexavalent chromium (Cr (VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IEC 62321-7-2	Determination of certain substances in electro-technical products – Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr (VI))in polymers and electronics by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IEC 62321-8	Determination of certain substances in electro-technical products – Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC- MS). Gas chromatography-mass spectrometry using a pyrolizer/ thermal desorption accessory (Py-TD-GC-MS). Test Parameters: Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di isobutyl phthalate (DIBP), Di-isononyl phthalate (DINP) and Di-iso-decyl phthalate (DIDP), Di-nonyl phthalates (DNOP) Inclusion: Quantification is done using GC-MS, as specified in the standard.
Chemical – Hazardous & Restricted Chemicals **Matrix: Toy and Toy Products (Paints, Varnishes, Lacquers, Printing Inks, Polymers, Foams, Textiles, Paper, Paperboard, Glass, Ceramic, Metallic Materials, Wood, Fiber Board, Hard Board, Leather, Colored solids, Chalk, Crayons, Pliable Modeling Materials, Clays, Plasters, Slimes, Liquids, Finger Paints, Elastomers, Finger Paints Adhesive Tattoos)**	
ASTM F963	Standard Consumer Safety Specification for Toy Safety Test Parameters: Clause: 4.3.5.1 (2) Heavy Element Content in Toys paint and similar surface coating Materials (Barium, Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium) Clause:4.3.5.2 Heavy Element Content in Toys substrate Materials (Barium, Antimony, Arsenic,Cadmium, Chromium, Lead, Mercury, Selenium) Clause: 8.3 Heavy Element Content in Toys, Toy components andMaterials (Barium, Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium) Quantification by ICP-OES and ICP-MS.
BS EN 71-3	Safety of toys – Part 3: Migration of certain elements Test Parameters: Migration of Certain Elements: (Category 1,2 & 3) Aluminium, Antimony,Arsenic, Barium, Boron, Cadmium, Chromium (III), Chromium (VI), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin, Organic tin, Zinc
IS 9873 (Part 3)	Safety requirements for Toys – Part 3: Migration of certain elements Test Parameters: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead Mercury, Selenium
IS 9873 (Part 6)	Safety of Toys Part 6 Determination of Certain Phthalate Esters in Toys and Children's Products Test Parameters: Benzyl butyl Phthalate, Bis (2-ethlyhexyl Phthalates), Di iso

	DecylPhthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate
IS 9873 (Part 9)	Safety of Toys Part 9 Certain Phthalates Esters in Toys and Children's Products Test Parameters: Benzyl butyl Phthalate, Bis (2-ethlyhexyl Phthalates), Diiso Decyl Phthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate
ISO 8124-3	Safety of toys – Migration of certain elements Test Parameters: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium
ISO 8124-6	Safety of toys – Part 6: Certain phthalate esters in toys and children's products Test Parameters: Benzyl butyl Phthalate, Bis (2-ethlyhexyl Phthalates), Diiso Decyl Phthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate
Chemical – Hazardous & Restricted Chemicals **Matrix: Leather and Leather Products (Footwear, Finished Leather, Leather Accessories, Leather Products, Semi-finished Leather, Synthetic Leather, PU, Textile, Print, Paint, Coating, Fur, Plastic & Other)**	
EN ISO 10195	Leather – Chemical determination of chromium (VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium Test Parameters: Chromium (VI) content
EN ISO 17072-2	Leather – Chemical determination of metal content-part 2: Total metal content Test Parameters: Aluminum, Antimony, Arsenic, Barium, Calcium, Chromium (except chromium tanned leather), Cobalt, copper, Iron, Magnesium, Mercury, Molybdenum, Lead, Cadmium, Nickel, Potassium,Selenium, Silicon, Sodium, Tin, Titanium, Zinc, Zirconium, NickelQuantification by ICP-OES and ICP-MS
ISO 17226-1	Leather – Chemical determination of formaldehyde content – Part 1:Method using high-performance liquid chromatography Test Parameter: Formaldehyde
ISO/TS 16189	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine dimethyl formamide in footwear materials Test Parameters: Dimethyl formamide
Chemical – Hazardous & Restricted Chemicals **Matrix: Textile and Textile Products (Prints, Paint, Coating, Plastic, Textile Accessories)**	
BS EN 17131	Textiles and textile products – Determination of dimethyl formamide(DMF), method using gas chromatography. Test Parameter: Dimethyl formamide
BS EN 17132	Textiles and textile products – Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography Test Parameters: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo[a] anthracene, Benzo[e] pyrene, Benzo[j] fluoranthene, Chrysene, Benzo[b] fluoranthene, Benzo[k] fluoranthene, Benzo[a] pyrene, Indeno[1,2,3-cd] pyrene, Dibenzo[a, h]

	anthracene, Benzo[e] pyrene, Benzo[j] fluoranthene, Benzo[a] pyrene, Benz[a] anthracene, Benzo(b) fluoranthene, Benzo[k] fluoranthene, Chrysene, Dibenzo [a, h] anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi] perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene & Pyrene
DIN EN 16711-1	Textiles – Determination of metal content – Part 1: Determination of metals using microwave digestion Test Parameters: Antimony, Arsenic, Lead, Cadmium, Chromium, Mercury, Copper, Nickel & Cobalt
EN 14372	Child use and care articles – Cutlery and feeding utensils – Safety requirements and tests Clause 5.4.2.3: Phthalate Content Clause 6.3.2: Determination of Phthalate Content Test Parameters: Di-butyl phthalate, Butyl benzyl phthalate, Di-iso-decyl phthalate, Di-n-octyl phthalate, Bis-(2- ethylhexyl) phthalate, Di isononyl Phthalate
EN ISO 14362-3	Textiles – Methods for determination of certain aromatic amines derived from azo colorants – Part 3: Detection of the use of certain azo colorants,which may release 4-aminoazobenzene Test Parameter: 4-aminoazobenzene Quantification by GC-MS and HPLC-DAD.
Chemical – Hazardous & Restricted Chemicals Food Contact Material and Allied Materials	
IS 6615	Specification for General purpose packing/wrapping paper Test Parameters: Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium VI, Polychlorinated biphenyls, Pentachlorophenol (PCP)
IS 9806	Methods of test for and permissible limits of toxic materials released from ceramicware, vitreous enamelware, glassware and glass-ceramicware in contact with food Test Parameters: Leachable lead and cadmium
IS 9833	List of pigments and colourants for use in plastics in contact with foodstuffs, pharmaceuticals and drinking water Test Parameters: Colour migration (i) Lead, (ii) Arsenic, (iii) Mercury, (iv) Cadmium, (v) Zinc, (vi) Selenium, (vii) Barium, (viii) Chromium, (ix) Antimony, (x) Primary aromatic amine, (xi) Sulphonated aromatic amine, (xii) Polychlorinated biphenyl, (xiii) Carcinogenic amine
IS 9845	Determination of overall migration of constituents of plastics materials and articles intended to come in contact with foodstuffs – method of analysis Test Parameters: Overall Migration, Colour Migration
Chemical – Hazardous & Restricted Chemicals Matrix: Other (Non-metal, Polymer, Plastic, Rubber, Paint, Coating, Varnishes)	
ASTM E1645	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis Test Parameter: Lead

Chemical – Petroleum and Products	
IS 1448 (P-2)	Methods of test for petroleum and its products: Part 2 Petroleum products and lubricants – Neutralization number - Potentiometric titration method Test Parameter-Total Acidity
IS 1448 (P-4/Sec-1)	Methods of test for petroleum and its products P:4 Sec 1 Determination of ash
IS 1448 (P-4/Sec-2)	Methods of test for petroleum and its products P:4 section 2 ash from grease sulphated ash and water-soluble ash Fourth Revision Test Parameter – Ash Content
IS 1448 (P-6)	Methods of test for petroleum and its products part 6: Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter Method Test Parameter – Gross Calorific Value
IS 1448 (P-10/Sec-2)	Methods of test for petroleum and its products Part10 Petroleum and related products from natural or synthetic sources Section 2 Determination of pour point Test Parameter – Pour Point
IS 1448 (P-15)	Methods of Test for Petroleum and Its Products – Part 15: Petroleum products – Corrosiveness to Copper – Copper Strip Test Test Parameter – Copper Strip Corrosion
IS 1448 (P-16)	Methods of test for Petroleum and its Products Part 16 Crude Petroleum and Liquid Petroleum Products – Laboratory Determination of Density – Hydrometer Method
IS 1448 (P-21)	Methods of Test for Petroleum and its Products (P-21) Determination of Flash Point – Pensky -Martens Closed Cup Method (Fourth Revision)Test Parameter-Flash Point (PMCC)
IS 1448 (P-25/Sec-1)	Methods of Test for Petroleum and its Products (P- 25) Transparent and Opaque Liquids Section 1 Determination of Kinematic Viscosity and Calculation of Dynamic Viscosity (Second Revision) Test Parameter – Kinematic Viscosity
IS 1448 (P-30)	Methods of Test for Petroleum and Its Products (P-30) Crude Petroleum and Fuel Oils – Determination of Sediment – Extraction Method Test Parameter – Sediment
IS 1448 (P-32)	Methods of Test for Petroleum and its Products (P-32) Crude Petroleum and Liquid or Solid Petroleum Products – Determination of Density or Relative Density – Capillary Stoppered Pyknometer and Graduated Bicapillary Pyknometer Methods (Third Revision) Test Parameter - Density
IS 1448 (P-69)	Methods of Test for Petroleum and its Products (P-69) Determination of Flash and Fire Points-Cleveland Open Cup Method (Second Revision) Test Parameter – Flash Point (COC)
IS 1448 (P-86)	Methods of test for petroleum and its products: Part 86 Determination of total base number by potentiometric perhcloric acid titration method Test Parameter – Total Base Number

ISO 12937	Petroleum products – Determination of water Coulometric Karl Fischer titration method Test Parameter – Water Content
Chemical – Transformer Oils/Insulating Oils	
IS 1448 (P-2)	Methods of test for petroleum and its products: Part 2 Petroleum products and lubricants – Neutralization number – Potentiometric titration method Test Parameter – Acidity
IS 1448 (P-10/Sec-2)	Methods of test for petroleum and its products Part 10 Petroleum and related products from natural or synthetic sources Section 2 Determination of pour point Test Parameter – Pour Point
IS 1448 (P-16)	Methods of test for Petroleum and its Products Part 16 Crude Petroleumand Liquid Petroleum Products – Laboratory Determination of Density – Hydrometer Method Test Parameter – Density
IS 1448 (P-21)	Methods of Test for Petroleum and its Products (P-21) Determination of Flash Point – Pensky-Martens Closed Cup Method (Fourth Revision) Test Parameter – Flash Point (PMCC)
IS 1448 (P-25)	Methods of Test for Petroleum and its Products – Part 25: Determinationof Kinematic and Dynamic Viscosity Test Parameter – Kinematic Viscosity
IS 1866	Mineral Insulating Oils in Electrical Equipment Supervision and Maintenance Guidance Test Parameter – Color and Appearance
IS 1866 Annex C	Mineral Insulating Oils in Electrical Equipment Supervision and Maintenance Guidance Test Parameter – Sediment & Sludge
IS 6103	Method of test for specific resistance (resistivity) of electrical insulating liquids Test Parameter – Resistivity
IS 6104	Method of test for interfacial tension of oil against water by the ringmethod Test Parameter – Interfacial Tension
IS 6262	Method of Test for Power Factor and Dielectric Constant of Electrical Insulating Liquids Test Parameter – Dielectric dissipation factor at 90Â°C & 40 Hz to 60 Hz(TAN Delta)
IS 6792	Insulating Liquids – Determination of the Breakdown Voltage at Power Frequency – Test Method (Second Revision) Test Parameter – Break Down Voltage
IS 9434	Oil-Filled Electrical Equipment – Sampling of Gases and Analysis of Freeand Dissolved Gases – Guidance Test Parameter – (1) Dissolved Gas Acetylene (as C2H2), (2) Dissolved Gas Carbon Dioxide (as CO2), (3) Dissolved Gas Carbon monoxide (as CO), (4)

	Dissolved Gas Ethane (as C2H6), (5) Dissolved Gas Ethylene (as C2H4), (6) Dissolved Gas Hydrogen (as H2), (7) Dissolved Gas Methane (as CH4)
IS 13567	Insulating Liquids – Oil-impregnated Paper and Pressboard – Determination of Water by Automatic Coulometric Karl FischerTitration (First Revision) Test Parameter – Water Content
Chemical – Paints, Varnishesand Related Products	
IS 101: Part 1: Sec 5: 1989	Methods Of Sampling and Test for Paints, Varnishes and Related Products Part 1 Tests on Liquid Paints (general And Physical) Sec 5 Consistency
IS 101: Part 1: Sec 6: 1987	Methods Of Sampling and Test for Paints, Varnishes and Related Products Part 1 Test on Liquid Paints (general And Physical) Sec 6 Flash Point
IS 101: Part 1: Sec 7: 2020	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 1 Test on Liquid Paints (General and Physical) Section 7 Mass per 10 “Determination of density” Pycnometer method
IS 101: Part 1: Sec 8: 2022	Methods of sampling and test for paints varnishes and related products Part 1 Test on liquid paints General and Physical Section 8 Pigments and extenders Determination of pH value of an aqueous suspension
IS 101: Part 2: Sec 1: 2018	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 2 Test on Liquid Paints (Chemical Examination) Section 1 Water Content
IS 101: Part 2: Sec 2: 1986	Methods Of Sampling and Test For Paints, Varnishes And Related Products Part 2 Test On Liquid Paints (chemical Examination) Sec 2 Volatile Matter
IS 101: Part 2: Sec 3: 2015	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 2 Test on Liquid Paints (Chemical Examination) Sec 3 Determination of Volatile Organic Compound (VOC) Content – Difference Method
IS 101: Part 3: Sec 1: 1986	Methods Of Sampling And Test For Paints, Varnishes And Related Products Part 3 Tests On Paint Film Formation Sec 1 Drying Time
IS 101: Part 3: Sec 2: 1989	Methods Of Sampling and Test For Paints, Varnishes And Related Products Part 3 Tests On Paint Film Formation Sec 2 Film Thickness
IS 101: Part 3: Sec 4: 1987	Methods Of Sampling and Test For Paints, Varnishes And Related Products Part 3 Tests On Paint Film Formation Sec 4 Finish
IS 101: Part 3: Sec 5: 2022	Method of sampling and test of paints varnishes and related products Part 3 Test on paint film formation Section 5 Determination of fineness of grind
IS 101: Part 4: Sec 2: 2021	Methods of sampling and test for paints varnishes and related products Part 4 optical tests: Sec 2 colour
IS 101: Part 4: Sec 4: 2020	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 4 Optical Test Section 4 Gloss Determination of gloss value at 60°
IS 101: Part 5: Sec 1: 1988	Methods of sampling and test for paints, varnishes and related products Part 5 Mechanical test on paint films Sec 1 Hardness tests

IS 101: Part 5: Sec 5: 2019	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 5 Mechanical Tests Section 5 Impact resistance – Falling-weight test, small-area indenter
IS 101: Part 6: Sec 1: 1988	Methods of sampling and test for paints, varnishes and related products Part 6: Durability tests – Section 1: Resistance to humidity underconditions of condensation
IS 101: Part 7: Sec 1: 1989	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 7: Environmental Tests on Paint Films - Section 1: Resistance to water
IS 101: Part 7: Sec 2: 1990	Methods of sampling and test for paints, varnishes and related products Part 7 Environmental tests on paint films Sec 2 Resistance to liquids
IS 101: Part 7: Sec 3: 2020	Methods of Sampling and Test for Paints, Varnishes and Related Products Part 7 Environmental Tests on Paint Films Section 3 Determination of the effect of heat
IS 101: Part 8: Sec 1: 1989	Methods of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solids Sec 1 Residue on sieve
IS 101: Part 8: Sec 2: 1990	Methods of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solids Sec 2 Pigments and non-volatile matter
IS 101: Part 8: Sec 3: 1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 3 Ash content
IS 101: Part 8: Sec 5: 2022	Methods of Sampling and Test for Paints Varnishes and Related Products - Part 8 Tests for Pigments and other Solids - Section 5 Lead restriction test
IS 101: Part 8: Sec 6: 1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 6 Volume solids
Chemical – Sanitary Napkin	
IS 5405: 2019	Sanitary Napkins – Specification
Chemical - Baby Diaper	
IS 17509: 2021	Disposable Baby Diaper Specification
Chemical – Adult Diaper	
IS 17508: 2020	Disposable Adult Incontinence Diaper – Specification
Biological – Sanitary Napkin	
IS 5405: 2019	Sanitary Napkins – Specification
Biological – Baby Diaper	
IS 17509: 2021	Disposable Baby Diaper Specification
Biological – Adult Diaper	
IS 17508: 2020	Disposable Adult Incontinence Diaper – Specification

Chemical – Coal and Coke Testing	
IS 1350: Part 1: 1984	Methods of Test for Coal and Coke – Part I: Proximate Analysis
IS 1350: Part 2: 2022	Method of test for Coal and Coke – Part 2 Determination of gross calorific value