Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

UKAS TESTING **1428** **Accredited to ISO/IEC 17025:2017**	**Modern Testing Services (UK) Ltd** **Issue No:** 031 **Issue date:** 06 May 2021	
	118 Lupton Avenue **Leeds** **LS9 6ED**	**Contact: Mr Alan Ross** **Tel: +44 (0)113 240 7011** **Fax: +44 (0)113 240 9350** **E-Mail: info@mts-uk.co.uk**
Testing performed at the above address only		

Flexible Scope

The laboratory is accredited to ISO/IEC17025:2017 for testing activities in accordance with the standards included in the schedule listed below. This may also include tests on the same or similar product types against standards, or customer-specified methods, that are not specifically listed in this Schedule, providing that:

(1) The method or standard does not introduce new principles of measurement.

(2) The method or standard does not require measurements to be made outside the parametric boundaries defined within the standard specifications already accredited and detailed within this Schedule of Accreditation.

Information about flexible scopes of accreditation is available in UKAS document GEN 4:0ctober 2019, EA 2/15 M:2019 and ILAC G18:04/2010

Area covered by the flexible scope;
Toys & toys packaging (Chemical/Physical/Mechanical, Flammability testing only)
Children's Metal and Nonmetal Products (Chemical testing only)
Textiles and Leather (Chemical testing only)
Paints (Chemical testing only)
Glass Ceramics and Enamel (Chemical testing only)

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TOYS AND TOY PACKAGING	<u>Physical and Mechanical Tests and related Opinions and Interpretations</u> :	<u>Flexible Scope</u> EN 71-1:2014+A3:2018Excluding Clauses for the following general requirements: 4.11(c) - Mouth-actuated toys which contain loose components 4.11(e) - Mouth-actuated projectile toys 4.14.1(c) – Toy chests with vertically opening hinged lids 4.15.1.5 - Braking 4.15.1.6 - Transmission and wheel arrangement 4.15.2 – Toy bicycles 4.15.5.3 (b) - strength of toy scooter steering tubes 4.20.2.5 - Toys using headphones or earphones 4.20.2.12 – Voice Toys 4.21 - Toys containing a non-electrical heat source 5.6 - Speed limitation of electrically-driven ride-on toys Excluding Clauses for the following test methods 8.28.2.4 - Toys using headphones or earphones 8.28.2.11- Voice Toys 8.29 - Determination of maximum design speed of electrically-driven ride-on toys 8.30 – Temperature rises
	Safety of Children’s Clothing	BS EN 14682

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TOYS AND TOY MATERIALS (EXCLUDING FLAMMABLE GASES, LIQUIDS AND SOLIDS)	Flammability Tests and related Opinions and Interpretations	Flexible Scope EN 71-2:2011+A1:2014
TOYS AND TOY MATERIALS Category I, II, III	Chemical Tests and related Opinions and Interpretations (cont'd) Extractable Elements Aluminium Antimony Arsenic Barium Boron Cadmium Cobalt Copper Lead Manganese Mercury Nickel Selenium Strontium Tin Zinc	Flexible Scope SOP SP 213 To implement EN 71-3 : 2019 using acid extraction and ICP MS To implement EU Directive 2009/48/EC & Amds (EU)2012/7, (EU)681/2013 and (EU) 2018/725

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Chemical Tests and related Opinions and Interpretations (cont'd)	Flexible Scope
TOYS AND TOY MATERIALS Category I, III	Extractable Chromium Total Chromium	SOP SP 213 To implement Table 2 of EN 71-3: 2019 using ICP MS To meet EU Directive 2009/48EC
	1st Action screening method	If total extractable Cr when Uexp is taken into account; is < 0.02mg/kg for Cat I is 0.053 for Cat III then it may be inferred that the sample meets the requirements of EN 71-3:2019, Table 2 for the appropriate Category for both Cr III & Cr VI
	Extractable Total Organic Tin	SOP SP 213 To meet limits of Table 2 of EN 71-3: 2019
	1st action screening method	If total extractable Sn when Uexp is taken into account; Is < 0.9mg/kg for Cat I Is < 12mg/kg for Cat III then it may be inferred that the sample meets the migration limits of EN 71-3:2019 for the appropriate Category for both Inorganic and Organic Tin
	Migration of the elements: Antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium	BS EN 71-3:1995 (withdrawn) using ICP MS
TOYS AND TOY MATERIALS	Standard Operating Procedure for Determination of Phthalates	CPSC-CH-C1001-09.4:2018 Using GC/MS
CHILDREN'S METAL PRODUCTS (INCLUDING CHILDREN'S METAL JEWELLERY)	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewellery)	CPSC-CH-E1001-08.03:2012 (Excludes hot block method) using ICP MS or HD XRF
NONMETAL CHILDREN'S PRODUCTS	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products	CPSC-CH-E1002-08.3:2008, Revised 2012 using ICPMS or HD XRF

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Chemical Tests and related Opinions and Interpretations (cont'd)	Flexible Scope
PAINT	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings. 16 CFR 1303 Lead Paint Regulation	CPSC-CH-E1003-09.1:2011 using ICP(MS) or HD XRF
TEXTILES AND LEATHER	Determination of certain aromatic amines used in azo-colourants with and without extraction Other Similar Surface Coatings	BS EN ISO14362-1Textiles BS EN ISO 17234-1Leather Using GC/MS
LEATHER	Chemical tests for the determination of certain azo colorants in dyed leathers. Determination of 4-aminoazobenzene	BS EN ISO 17234-2 Using GC/MS
TEXTILES	Determination of certain aromatic amines derived from azo-colourants – detection of the use of certain colourants which may release 4-aminobenzene	BS EN ISO14362-3 Using GC/MS
	Determination of the phthalate content - Tetrahydrofuran method	BS EN ISO 14389 Using GC/MS
	Determination of total metal content using microwave digestion	BS EN 16711-1 (Excludes ceramics, glass, crystal and other siliceous material) Using microwave Digestion
CERAMICS, GLASS AND ENAMEL WARE	Specification for limits of metal release from ceramic ware, glassware, glass ceramic ware and vitreous enamel ware	BS 6748:1986 + A1:2011 using ICP(MS)
METAL WARE	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	BS EN 1811:2011+A1:2015
	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items.	BS EN 12472:2020

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
END		