

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>0248</b></p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<p><b>SATRA Technology Centre Ltd</b></p> <p>Issue No: 088 Issue date: 14 October 2021</p>	
	<p>Wyndham Way Telford Way Industrial Estate Kettering Northamptonshire NN16 8SD</p>	<p>Contacts: Mrs J Glasspool Mrs Kelly Harrison Tel: +44 (0)1536 410000 E-Mail: info@satra.com Website: www.satra.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Address</b> SATRA Technology Services (Dongguan) Ltd Unit 110, Xinzhongyin Garden Hongwei Road Xiping Nancheng District Dongguan Pr China</p> <p><b>Local contact</b> Mrs J Glasspool</p>	<p><b>Testing:</b> Personal Protective Equipment Footwear</p>	China
<p><b>Address</b> SATRA Technology Centre Ltd Wyndham Way Telford Way Industrial Estate Kettering NN16 8SD</p> <p><b>Local contact</b> Mrs J Glasspool</p>	<p><b>Testing:</b> Construction Personal Protective Equipment Textiles and Leather, Plastics and Rubber Paper and Packaging Toys and Childcare Products Sports and Leisure Equipment Footwear</p>	UK

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Customer premises and general sites</p> <p><b>Local contact</b> Mrs J Glasspool</p>	<p><b>Testing:</b> Floor Coverings Fall Arrest Systems Road Surfaces</p>	S1
<p>IKAR GmbH Nobelstr. 2 36041 Fulda Germany</p> <p><b>Local contact</b> Mrs J Glasspool</p>	<p><b>Testing:</b> Fall Arrest Systems</p>	S2



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>CLOTHING</b>	<b><u>Physical Tests</u></b>		
Touch and Close Fasteners	Closure strength	SATRA TM123:2018	UK
Clothing, Fabrics and Finished Garments	Preparation, marking and measuring for dimensional change	ISO 4931:1986 ( <i>withdrawn</i> ) ISO 3759:1984 ( <i>withdrawn</i> ) EN ISO 3759:2011	UK
Textiles	Domestic washing and drying procedures for textile testing	ISO 6330:2012	UK
	Dimensional stability to washing	EN ISO 5077:2008	UK
Workwear	Industrial washing and finishing procedures for testing of workwear	EN ISO 15797:2018	UK
<b>CONSTRUCTION</b>	<b><u>Physical Testing</u></b>		
Insulation - Flat slab specimens	Determination of steady-state thermal resistance and related properties - Guarded hot plate	ISO 8302:1991	UK
Glass in Buildings	Thermally toughened soda lime silicate safety glass: tolerances, flatness, edgework, fragmentation, and physical and mechanical characteristics	EN 12150-1:2015 Clause 8	UK
Corrosion Resistance	Corrosion tests in artificial atmospheres - salt spray tests	ISO 9227-2017 (salt only)	UK
Building Products	Reaction to fire tests - ignitability of building products subjected to direct impingement of flame - Single flame source	EN ISO 11925-2:2002 ( <i>withdrawn</i> ) EN ISO 11925-2:2010	UK
	Fire classification of construction products and building elements - Classification using test data from reaction to fire tests	EN 13501-1:2018	UK
	Reaction to fire tests for building products - Conditioning - procedures and general rules for selection of substrates	EN 13238:2010	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>CONSTRUCTION</b> (cont'd)	<b>Physical Testing</b> (cont'd)		
Thermal Insulating Products for Building Applications	Determination of water vapour transmission properties	EN 12086:1997	UK
Thermal Performance of Building Materials and Products	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods. Products of high and medium thermal resistance	EN 12667:2001 (excluding clauses 5.3/7.3.5.2/8.2.3)	UK
	Determination of thermal resistance by means of a guarded hot plate and heat flow meter methods. Dry and moist products of medium and low thermal resistance	EN 12664: 2001 (excluding clauses 5.3/7.3.52/8.2.3)	UK
	Determination of thermal resistance by means of a guarded hot plate and heat flow meter methods. Thick products of high and medium thermal resistance	EN 12939: 2000 (excluding clause A.3)	UK
<b>FLOOR COVERINGS</b>	<b>Physical Testing</b>		
Floor coverings	Pendulum testers; Method of operation	BS 7976-2:2002+A1:2013	UK, S1
	Slip resistance; Walking Method - Ramp	DIN 51130:2014 (excluding paragraph 6)	UK
Floor Coverings, Road and airfield surface	Method for measurement of slip/skid resistance of a surface. The pendulum test.	EN 13036-4:2011	UK, S1
	Reaction to fire tests for floorings - determination of the burning behaviour using a radiant heat source	EN ISO 9239-1:2002 (withdrawn) EN ISO 9239-1:2010	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>FLOOR COVERINGS</b> (cont'd)	<b>Physical Testing</b> (cont'd)		
Resilient, Laminate and Textile Floor Coverings	Parameters for the measurement of dynamic coefficient of friction of floor surfaces	EN 13893:2002	UK
Resilient and Textile Floor Coverings	Castor chair test for wear behaviour	EN 985:2001 EN 425:2002	UK
Resilient & Textile Floor Coverings	Determination of the side length, squareness and straightness of tiles	BS EN ISO 24342:2018	UK
	Determination of residual indentation after static loading	EN ISO 24343-1:2012	UK
	Determination of dimensional stability and curling after exposure to heat	EN 434:1994 ( <i>withdrawn</i> ) EN 23999:2012 ( <i>withdrawn</i> ) EN ISO 23999:2018	UK
	Determination of flexibility	EN ISO 24344:2012 Method A only	UK
	Physical testing of rubber. Determination of indentation by means of pocket hardness meters.	ISO 7619-1:2004 ( <i>withdrawn</i> ) ISO 7619-1:2010 ( <i>withdrawn</i> )	UK
	Determination of resistance to stubbed and burning cigarettes. Method B.	EN 1399:1998	UK
	Determination of the electrical resistance	EN 1081:2018 Method A only	UK
	Assessment of static electrical propensity	EN 1815:2016	UK
	Determination of the effect of stains	EN ISO 26987:2012	UK
Resilient Floor Coverings	Resilient floor coverings. Polyvinyl chloride floor coverings with enhanced slip resistance - Specification. Annex D, Determination of wear resistance.	EN 13845: 2017 +C1: 2018	UK
	Polyvinyl chloride floor coverings for use in special wet areas - Water Tightness	EN 13553:2017	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>FLOOR COVERINGS</b> (cont'd)	<b>Physical Testing</b> (cont'd)		
Laminate Floor Coverings	Elements with a surface layer based on aminoplastic thermosetting resins. Specifications, requirements and test methods Annex A-F	EN 13329:2016 +A1:2017	UK
	Determination of thickness swelling after partial immersion in water	BS ISO 24336:2005	UK
	Determination of abrasion resistance - Frick Taber test	EN 660-2:1999	UK
Textile Floor Coverings	Determination of thickness	ISO 1765:1986	UK
	Determination of resistance to damage at cut edges using modified Vettermann drum test	EN ISO 10833:2019	UK
	Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine	EN ISO 12951:2015 Tests A, C and D only	UK
	Production of changes in appearance by means of Vettermann Drum and Hexapod Tumbler testers	BS ISO 10361:2015	UK
Tiles	Determination of dimensional changes due to the effects of varied water and heat conditions and distortion out of plane	EN 986:2005	UK
	Resilient and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles	ISO 24342:2018	UK
Textile Floor Coverings	Determination of the effects of a small ignition (hot metal nut)	BS 4790:1987	UK
	Specification for assessment and labelling of textile floor coverings tested to BS4790	BS 5287:1988	UK
	Assessment of static electrical propensity walking test	BS ISO 6356:2012 Method A only	UK
	Determination of electrical resistance	BS ISO 10965:2011	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>FOOTWEAR</b>	<b><u>Physical Tests</u></b>		
Footwear Adhesives	Peel strength of adhesive bonds	SATRA TM401:2000	UK
	Peel strength of footwear sole bonds	SATRA TM411:2019	UK & China
Heels	Security of heel pins	SATRA TM96:1995	UK
	Lateral Impact test for shoe heels	SATRA TM20:2017	UK
	Fatigue test for shoe heels	SATRA TM21:2017	UK
Finished Footwear	Adhesion of stuck-on and moulded-on soles	SATRA TM404:2020	UK
	Impact test for rigid units and shoe bottoms	SATRA TM86:2001	UK
	Heel attachment	SATRA TM113:1996	UK
	Dynamic water penetration test	SATRA TM230:2017	UK & China
Finished Footwear (cont'd)	Strength of buckle and strap attachment	SATRA TM181:2017	UK
	Strength of top-piece attachment	SATRA TM108:1992	UK
	Strength of eyelet facings, ski hooks, D rings, etc.	SATRA TM149:1999	UK
	Strength of stitched seams in upper and lining materials	SATRA TM180:2016	UK
	Washability of footwear	SATRA TM158:2016	UK
	Strength of sandal toe posts	SATRA TM118:1992	UK
	Strength of attachment of decorative bows	SATRA TM117:1992	UK
	Security of eyelet attachment	SATRA TM150:1999	UK
	Resistance to water penetration - Maeser test	SATRA TM 34: 2019	China
	<b>FOOTWEAR (cont'd)</b>	<b><u>Physical Tests</u></b>	



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Safety and Industrial Footwear	Test methods for safety footwear	EN ISO 20344:2011	UK
		SATRA TM144:2011	UK
	Determination of impact Resistance and compression resistance and Determination of the dimensional conformity of inserts and the penetration resistance of the sole	EN ISO 20344:2011 Clause 5.4 and, 5.5, 5.8	China
	Determination of penetration	EN ISO 20344: 2011 Clause 7.2	China
	Determination of slip resistance	EN ISO 20344: 2011 Clause 5.11 (ISO 13287)	China
		SATRA TM144:2011	China
	Determination of upper/outsole and sole interlayer bond strength	EN ISO 20344: 2011 Clause 5.2	China
	Determination of internal toe cap length	EN ISO 20344: 2011 Clause 5.3	China
	Determination of water penetration test	EN ISO 20344: 2011 Clause 5.15.2	China
	Determination of flexing resistance of outsole	EN ISO 20344:2011 Clause 8.4	China
	Determination of upper thickness	EN ISO 20344:2011 Clause 6.1 ISO 23529:2010 Clause 7.1 (withdrawn) ISO 23529:2016	China
	Measurement of the height of the upper	EN ISO 20344:2011 Clause 6.2	China
Determination of tear strength of upper, lining or tongue	EN ISO 20344: 2011 Clause 6.3 ISO 3377-2:2016 ISO 4674-1:2003 Method B (withdrawn) ISO 4764-1:2016 Method B	China	
<b>FOOTWEAR (cont'd)</b>	<b><u>Physical Tests</u> (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	Determination of water vapour permeability	EN ISO 20344: 2011 Clause 6.6	China
		SATRA TM 172: 1993	China
	Determination of water vapour absorption	EN ISO 20344: 2011 Clause 6.7	China
		SATRA TM 178: 2001	China
	Determination of water vapour coefficient	EN ISO 20344: 2011 Clause 6.8	China
	Determination of the abrasion resistance of lining and insock	EN ISO 20344: 2011 Clause 6.12	China
	Determination of water penetration and water absorption for upper	EN ISO 20344: 2011 Clause 6.13	China
	Resistance to water penetration – Penetrometer test	SATRA TM171:2017	China
	Determination of resistance of upper to cutting	EN ISO 20344: 2011 Clause 6.14	China
	Determination of outsole abrasion resistance	EN ISO 20344: 2011 Clause 8.3 ISO 4649:2010 (withdrawn) ISO 4649:2017	China UK and China
	Requirements for safety footwear	EN ISO 20345:2011	UK
	Requirements for protective footwear	EN ISO 20346:2014	UK
	Requirements for occupational Footwear	EN ISO 20347:2012	UK
	Test methods for footwear protecting against Chemicals	EN 13832-1:2006 (withdrawn) EN 13832-2:2006 (withdrawn) EN 13832-3:2006 (withdrawn)	UK
<b>FOOTWEAR (cont'd)</b>	<b><u>Physical Tests</u> (cont'd)</b>		





0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Slippers Toe Puffs and Stiffeners	Live working-footware for electrical protection-insulating footware and overboots	EN 50321: -1:2018 Excluding d.c. tests	UK
	Requirements for footwear for firefighters	EN 15090:2006 ( <i>withdrawn</i> ) EN 15090:2012	UK
	Density of materials by volume displacement	SATRA TM134: 1998 (2010)	China
	Burning behaviour	SATRA TM225:1998	UK
	Collapsing load	SATRA TM83:2018 Methods 1 & 2 only	UK
<b>FURNITURE</b>	<b><u>Physical Testing</u></b>		
Bunk Beds	Domestic use - safety requirements	EN 747-1:2012+A1:2015	UK
	Domestic use - test methods	EN 747-2:2012+A1:2015	UK
Beds and Mattresses	Safety requirements and test methods	EN 1725:1998	UK
	Determination of functional characteristics	EN 1957:2012	UK
Mattresses and Upholstered Bed Bases and Bedding	Assessment of the ignitability. Ignition source: smouldering cigarette	EN 597-1:1994 ( <i>withdrawn</i> ) EN 597-1:2015 EN ISO 12952-1: 2010	UK
Mattresses and Upholstered Bed Bases	Assessment of the ignitability. Ignition source: match flame equivalent	EN 597-2:1994 ( <i>withdrawn</i> ) EN 597-2:2015	UK
Mattresses, Upholstered Divans and Upholstered Bed Bases	Methods of test for assessment of ignitability with flaming types of primary and secondary sources of ignition	BS 6807:2006, Section 9	UK
Bedding	Flammability including fire test procedure	International Code for Application of Fire Test Procedures: Annex 1 part 9. Test for bedding components: 2010	UK
	Specification for resistance to ignition	BS 7177:2008 +A1:2011	UK
<b>FURNITURE (cont'd)</b>	<b><u>Physical Testing</u> (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Bedding (cont'd)	Assessment of the ignitability of bedding items. Ignition source. Match-flame equivalent	EN ISO 12952-2:2010	UK
Bedcovers and Pillows	Flammability	BS 7175:1989	UK
Furniture Flammability	The Furniture and Furnishings (Fire) (Safety) Regulations 1988 Schedule 1, Parts I, II, III Schedule 2, Parts I, II, III, IV Schedule 3 Schedule 4, Parts I, II Schedule 5, Parts I, II, III	The Furniture and Furnishings (Fire) (Safety) Regulations 1988 as amended	UK
Office Furniture Work Tables and Desks	Dimensions	EN 527-1:2011	UK
	Determination of the stability and the mechanical strength of the structure	EN 527-2:2016 +A1:2019	UK
Office Furniture Work Tables and Desks and Storage Furniture	Determination of strength and durability of moving parts	EN 14074:2004	UK
Office furniture Office Work Chair	Safety requirements	EN 1335-2:2018	UK
Office Furniture	Safety requirements	EN 14073-2: 2004	UK
Storage Furniture	Determination of stability and strength of the structure	EN 14073-3: 2004	UK
Storage Furniture	Determination of strength and durability (Test Levels 1-5)	BS 4875-7:2006	UK
Outdoor Furniture	General safety requirements and	EN 581-1:2017	UK
Seating and Tables for Camping, Domestic and Contract use	Mechanical safety requirements and test methods for seating and tables	EN 581-2:2015 EN 581-3:2017	UK
Chairs and Tables for Educational Institutions	Functional dimensions	EN 1729-1:2015	UK
	Safety requirements and test methods	EN 1729-2:2012+A1:2015	UK
<b>FURNITURE (cont'd)</b>	<b><u>Physical Testing</u> (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Non-domestic Tables and Seating	Strength, durability and safety	EN 15372:2016 EN 16139:2013	UK
Domestic Furniture Seating	Determination of stability	EN 1022:2005(withdrawn) EN 1022:2018	UK
	Determination of strength and durability	EN 1728:2012	UK
	Mechanical and structural safety requirements	EN 12520:2015	UK
Domestic Furniture Tables	Determination of strength, durability and stability	EN 1730:2012	UK
	Mechanical and structural safety requirements	EN 12521:2015	UK
Domestic Kitchen Storage and Worktops	Safety requirements and test methods	EN 14749:2016	UK
Glass in Furniture	Test methods	EN 14072:2003	UK
Flexible Cellular Material Testing	Determination of compression set	EN ISO 1856:2018	UK
	Determination of hardness (indentation technique)	EN ISO 2439:2008	UK
	Specification for flexible polyurethane cellular materials for load bearing applications	BS 3379:2005+A1:2011	UK
Flexible Cellular Material Testing	Determination of fatigue by constant load pounding	EN ISO 3385:2014	UK
	Tensile strength and elongation at break	EN ISO 1798:2008	UK
<b>SURFACE FINISH TESTING</b>	<b><u>Physical Testing</u></b>		
Finishes for Wooden Furniture	Assessment of surface resistance to cold oils and fats	BS 3962-5:1980	UK
	Assessment of resistance to mechanical damage	BS 3962-6:1980	UK
<b>SURFACE FINISH TESTING (cont'd)</b>	<b><u>Physical Testing</u> (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Domestic Kitchen Equipment	Performance requirements for durability of surface finish and adhesion of surfacing and edging materials - specification	BS 6222-3:2017	UK
Domestic Kitchen Equipment	Assessment of surface resistance to cold liquids, wet heat and dry heat	EN 12720:2009+A1:2013 EN 12721:2009+A1:2013 EN 12722:2009+A1:2013	UK
<b>UPHOLSTERED FURNITURE</b>	<b><u>Physical Testing</u></b>		
Leather			
Upholstered Furniture	Flammability - including fire test procedure	International Code for Application of Fire Test Procedures: Annex 1 Part 8. Test for upholstered furniture: 2010	UK
	Specification for resistance to ignition	BS 7176:2007 +A1:2011	UK
	Assessment of the ignitability. Ignition source smouldering cigarette	EN 1021-1:2006 EN 1021-1:2014	UK
	Assessment of the ignitability. Ignition source match flame equivalent	EN 1021-2:2006(withdrawn) EN 1021-2:2014	UK
	Methods of test for assessment of ignitability by smouldering and flaming ignition sources	BS 5852:2006	UK
	Methods of test for the ignitability by smokers' materials of upholstered composites for seating	BS 5852-1:1979	UK
Upholstered Seating	Methods of test for the ignitability of upholstered composites for seating by flaming sources	BS 5852-2:1982	UK
	Cleaning and wetting procedures for use in the assessment of the effect of cleansing and wetting on the flammability of textile fabrics and fabric assemblies	BS 5651:1978 Clause 4.5	UK
<b>EYEWEAR</b>	<b><u>Physical Testing</u></b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Eyewear	Personal eye-protection. Non-optical test methods	EN 168:2001, Clauses 3, 4, 5, 6, 7, 8, 10.2, 12, 16, 18, 19	UK
	Personal eye-protection. Optical test methods	EN 167:2001 excluding clause 8 and Annex A.	<u>UK</u>
<b>HEARING PROTECTORS</b>	<b><u>Physical Tests</u></b>		
Ear-Muffs (including those attached to industrial safety helmets) and Ear plugs	Weight, Adjustability, Cup rotation, Headband force, Cushion pressure, Sizing, Range of fitting, Resistance to damage when dropped, Resistance to damage when dropped at low temperature, Cleaning, Headband flexing, Water immersion, Leakage, Materials, Construction, Marking and information and Ignitability	EN 352-1:2002 EN 352-2:2002 EN 13819-1:2002	UK
Ear-Muffs and Ear Plugs	<b><u>Acoustic Testing</u></b> Insertion loss and Sound attenuation	EN 352-3:2002 EN 13819-2:2002 EN ISO 4869-3:2007 EN 24869-3:1994 (Withdrawn) EN 24869-1:1993 (Withdrawn)	UK
Ear-Muffs (including those attached to industrial safety helmets) and Ear plugs	Calculation of Octave band attenuation values SNR rating HML values	EN ISO 4869-2:1995 (Withdrawn)	UK
Level Dependent Ear-Muffs	Criterion level assessment	EN 352-4:2001	UK
Electrical Audio Input Ear-Muffs	Maximum output level assessment	EN 352-6:2002	UK
<b>PROTECTIVE CLOTHING</b>	<b><u>Physical Testing</u></b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Protective clothing material	Evaluation of stability to dry cleaning	ISO 3175-2: 2018 (excluding section 5.2)	UK
High Visibility Warning Clothing	Test methods and requirements	EN ISO 20471:2013+ A1:2016	UK
Protective Clothing Against Heat and Flame	Determination of heat transmission on exposure to flame	ISO 9151:2016	UK
	Limited flame spread Except Clause 6.2.3	ISO 14116:2015	UK
	Contact heat	EN 702:1994	UK
	Protection against heat and flame - method of test for limited flame spread	EN ISO 15025:2016	UK
Protective Clothing Against Heat and Flame	Clothing to protect against heat and flame Except Clauses 6.5.3, 6.6, 9 & Annex A	EN ISO 11612:2015	UK
	Determination of behaviour of materials on impact of small splashes of molten metal	EN 348:1992	UK
	For use in welding and allied processes Except 6.4,& 6.11	ISO 11611:2015	UK
Protective Clothing	Electrostatic properties: Surface resistivity (test methods and requirements)	EN 1149-1:2006	UK
	Electrostatic properties: Test measurement for measurement of the electrical resistance through a material (vertical resistance)	EN 1149-2:1997	UK
<b>PROTECTIVE CLOTHING (cont'd)</b>	<b>Physical Testing (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Protective Clothing (cont'd)	Electrostatic properties: Performance requirements	EN 1149-5:2008	UK
	Mechanical properties. Determination of resistance to cutting by sharp objects	EN ISO 13997:1999	UK
	Protection against heat and fire - method of test evaluation of materials and material assemblies when exposed to a source of radiant heat	EN ISO 6942:2002	UK
	Protection against heat and fire - method of determining heat transmission on exposure to flame	EN 367:1992 Identical to ISO 9151:1995	UK
	Mechanical properties - test method: Puncture resistance	EN 863:1995	UK
	Wrist, palm, knee and elbow protectors for users of roller sports equipment - requirements and test methods	EN 14120:2003+A1:2007	UK
Protective Clothing Against Liquid and Gaseous Chemicals, Aerosols and Solid Particles.	Performance requirements for ventilated and non-ventilated "gas-tight" (Type 1) and "non-gas-tight" (Type 2) chemical protective suits	EN 943-1:2002 (excluding Clause 6.7)	UK
Protective Clothing for Professional Motorcycle Riders	Jacket, trousers and one-piece or divided suits <ul style="list-style-type: none"> <li>• General requirements</li> <li>• test method for determination of impact abrasion resistance</li> <li>• Test method for determination of impact cut resistance</li> </ul>	EN13595-1:2002 excluding clause 5.6. EN 13595-2:2002 EN 13595-4:2002	UK
	Requirements and test methods for professional motorcyclists' protective footwear	EN 13634:2010 EN 13634:2015	UK
	Performance requirements and test methods against mechanical impact - Motorcyclists protective gloves for road riding	EN 13594:2015	UK
<b>PROTECTIVE CLOTHING (cont'd)</b>	<b>Physical Testing (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Motorcyclists' Protective Clothing	Mechanical impact. <ul style="list-style-type: none"> <li>Requirements and test methods for impact protectors</li> <li>Motorcyclists back protectors - requirements and test methods</li> </ul>	EN 1621-1:2012 EN 1621-2:2014	UK
Protective Clothing for use in Violent Situations	Footwear testing	BS 7971-5: 2004	UK
	Gloves for protection against mechanical, thermal and chemical hazards - Requirements and test methods	BS 7971-6:2016	UK
Protective Clothing for users of Hand Held Chain Saws	Test methods for leg protectors	EN 381-2:1995(withdrawn)	UK
	Test methods for footwear	EN 381-3:1996(withdrawn)	UK
	Test Methods for chainsaw protective gloves	EN 381-4:1999 (withdrawn) (excluding clause 9)	UK
	Test methods for chain saw protective gaiters	EN 381-8:1997(withdrawn)	UK
	Test method for upper body protectors	EN 381-10:2002(withdrawn)	UK
	Safety footwear with resistance to chain saw cutting	EN ISO 17249:2004	UK
<b>GLOVES</b>	<b><u>Physical Testing</u></b>		
Medical Gloves for Single Use	Requirements and testing for freedom from holes	EN 455-1:2000 (withdrawn) EN 455-1:2020	UK
	Requirements and testing for physical properties	EN 455-2:2015	UK
	Requirements and testing for biological evaluation	EN 455-3:2015 Annex A	UK
<b>GLOVES (cont'd)</b>	<b><u>Physical Testing (cont'd)</u></b>		





0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Gloves	Abrasion resistance, blade cut resistance, tear resistance, puncture resistance, dimensions and dexterity Terminology and performance requirements	EN 388:2016 +A1 2018 EN 388:2016	UK China
	Determination of resistance to penetration	EN ISO 374-1: 2016 + A1:2018	UK
	Determination of resistance to permeation by chemicals	EN ISO 374-2 :2019	UK
	Protective gloves for firefighters	EN 16523-1:2015 +A1:2018	UK
	Heat and flame tests	EN ISO 374-4:2019	UK
		EN 659:2003+A1:2008	UK
Gloves	Specification for gloves and mitts of insulating material for live working	EN 407:2020 Excluding clause 6.7	UK
General Requirements for Gloves	Chemical and dimensions	EN 60903:2003 <i>(excluding composite gloves)</i>	UK
	Determination of hand and glove measurement and dimensions and Determination of gloved finger dexterity	EN ISO 21420:2020 EN 420:2003+A1:2009	UK
		EN 420:2003+A1:2009 Clauses 6.1 and 6.2	China
<b>KNEE PROTECTORS</b>	<b><u>Physical Testing</u></b>		
Knee Protectors	Personal Protective Equipment - Knee Protectors for work in the kneeling position	EN 14404:2004+A1:2010 Excluding Clauses 6.6 & 6.9	UK
<b>FOOT AND LEG PROTECTORS</b>	<b><u>Physical Testing</u></b>		
Foot and Leg Protectors	Determination of impact resistance and compression resistance	EN 12568:2010 (withdrawn) Clauses 5.2.2 & 5.2.3	China
	Requirements and test methods for footwear components. Metallic toecaps	EN ISO 22568-1:2019	UK
	Requirements and test methods for footwear component. Non-metallic toecaps	EN ISO 22568-2:2019	UK
<b>FOOT AND LEG PROTECTORS (cont'd)</b>	<b><u>Physical Testing</u> (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Foot and Leg Protectors (cont'd)	Requirements and test methods for footwear components. Metallic perforation resistant inserts	EN ISO 22568-3:2019	UK
	Requirements and test methods for footwear components. Non-metallic perforation resistant inserts	BS EN ISO 22568-4:2019	UK
<b>FALL ARREST SYSTEMS</b>	<b><u>Physical Testing</u></b>		
Personal Protective Equipment Against Falls from a Height	Test methods	EN 364:1992 (excluding Clause 5.12)	UK
Mountaineering Equipment	Slings. Safety requirements and test methods	EN 566: 2017	UK
Personal Protective Equipment for Work Positioning	Belts for work positioning and restraint and work positioning lanyards	EN 358: 2018 EN 358:1992 (withdrawn) EN 358:1999 (withdrawn)	UK
Protection Against Falls from a Height.	Requirements and testing	EN 795:2012	UK, S1
	Connecting Components for Personal Fall Arrest Systems Surface Finish Static Strength Tests Conditioning Tests Corrosion Tests	ANSI/ASSE Z359.12- 2019 excluding Clauses 4.2.1.2, 4.2.1.3 and 4.2.3.3	UK
Personal Fall Protection Equipment	Static strength (~ 22.2kN) Dynamic strength (~ 22.2kN)	ANSI/ASSE Z359.7-2019	UK
Self-retracting Devices for Personal Fall Arrest and Rescue Systems	Physical Testing	ANSI/ASSE Z359.14-2021	UK, S2
	Static strength (0-13.3kN)	3.2 Static strength	UK, S2
	Dynamic performance as received and conditioning to heat, cold and water (mass held, arrest distance, peak force and average force)	3..3 Dynamic performance 3..3.4 Specific requirements for self-retracting lanyards with integral rescue capability	UK, S2
<b>FALL ARREST SYSTEMS (cont'd)</b>	<b><u>Physical Testing</u></b> (cont'd)		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Self-retracting Devices for Personal Fall Arrest and Rescue Systems	Retraction tension (0-111.1N)	3.5 Retraction Tension	UK, S2
	Corrosion protection (96-hour salt spray)	3.1.5 Corrosion protection	UK, S2
	General requirements (design & function)	3.1.1-3.1.4 ,3.1.6, 3.1.7	UK, S2
	Energy capacity	3.4	UK
	Additional testing for self retracting lanyards	3.6	
	Hybrid self retracting devices	3.7	
Full Body Harnesses	Breaking strength (~22.2kN) Dynamic strength (~22.2kN) Static strength (~ 22.2kN)	ANSI/ASSE Z359.11-2021	UK
<b>FALLS FROM A HEIGHT</b>	<b>Physical Testing</b>		
Personal Protective Equipment Against Falls from a Height	Sit harness	EN 813:2008	UK
	Guided type fall arresters including a rigid anchor line	EN 353-1:2014 +A1 2017 ANSI/ASSE Z359.16-2016 EN 353-2:2002	UK,
	Lanyard	EN 354:2010	UK
	Energy absorbers	EN 355:2002	UK
	Retractable type fall arresters	EN 360:2002	UK
	Full body harnesses	EN 361:2002	UK
Lanyards and positioning Lanyards	Static strength (~ 22.2kN) Dynamic strength (~ 22.2kN)	ANSI/ASSE Z359.3-2017	UK
Lanyards and Positioning Lanyards	Safety Requirements	ANSI/ASSP Z359.3 2019.	UK
Energy absorbing lanyard	Activation force (Kg) Length (mm) Static strength (~22.2kN) Dynamic strength (~22.2kN)	ANSI/ASSE Z359.13-2013	UK
<b>FALLS FROM A HEIGHT (cont'd)</b>	<b>Physical Testing (cont'd)</b>		



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Fall Arrest Connectors	Personal protective equipment against falls from a height connector	EN 362:1992 ( <i>withdrawn</i> ) EN 362:2004	UK
Mountaineering Equipment.	Connectors. Safety requirements and test methods	EN 12275:1998 ( <i>withdrawn</i> ) EN 12275:2013	UK
Personal Fall Protection Equipment.	Safety Requirements for anchorage connectors for active fall protection systems	ANSI/ASSE Z359.18-2017	UK, S1
Fall arrest equipment	Rescue loops	EN 1498:2006	UK
	Rescue harnesses	EN 1497:2007	UK
	Rescue lifting devices	EN 1496: 2017	UK
	Safety requirements for single anchor lifelines and fall arresters for personal fall arrest and rescue systems	ANSI/ASSE Z359.15-2014	UK
<b>EQUESTRIAN BODY PROTECTORS</b>	<b><u>Physical Testing</u></b>		
Equestrian Body Protectors	Protective clothing - protective jackets, body and shoulder protectors for horse riders - requirements and test methods	EN 13158:2018	UK
<b>FOOTBALL SHIN GUARDS</b>	<b><u>Physical Testing</u></b>		
Football Shin Guards	Physical tests	EN 13061:2009 Clauses 4.3 to 4.8	UK
<b>PROTECTIVE EQUIPMENT FOR CRICKETERS</b>	<b><u>Physical Testing</u></b>		
Protective Equipment for Cricketers	General requirements	BS 6183-1:2000	UK
	Leg protectors for batsmen, wicket keepers, and fielders, and thigh, arm and chest protectors for batsmen	BS 6183-3:2000	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>PROTECTIVE EQUIPMENT FOR CRICKETERS</b> (cont'd)  Protective Equipment for Cricketers (cont'd)	<b>Physical Testing</b> (cont'd)  Gloves for batsmen	BS 6183-4:2001	UK
<b>MARTIAL ARTS PROTECTIVE EQUIPMENT</b>  Martial Arts Protective Equipment	<b>Physical Testing</b>  General requirements and test methods  Additional requirements and test methods for instep protectors, shin protectors and forearm protectors  Additional requirements and test methods for trunk protectors  Additional requirements and test methods for head protectors  Additional requirements and test methods for genital protectors and abdominal protectors	EN 13277-1:2000  EN 13277-2:2000  EN 13277-3:2013  EN 13277-4:2001+A1:2007  EN 13277-5:2002	UK  UK  UK  UK
<b>MOUNTAINEERING EQUIPMENT</b>  Pulleys	<b>Physical Testing</b>  Safety requirements and test methods  Corrosion resistance - salt spray	EN 12278:1998 (withdrawn)  ISO 9227:2017 (salt only) ISO 9227:2012( <i>superceded</i> ) ASTM B117-19	UK  UK
<b>HELMETS</b>  Helmets	<b>Physical Testing</b>  Electrical resistance  Electrically insulating helmets for use on low voltage installations	EN 13087-8:2000 Excluding Clause 5.4  EN 50365:2002	UK  UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>PLASTICS AND RUBBER</b>	<b><u>Physical Tests</u></b>		
Rubber and Thermoplastic Solings	Determination of abrasion resistance using a rotating cylindrical drum device	ISO 4649:2017 Method A	UK
	Abrasion resistance – rotating drum method	SATRA TM174:2016	UK & China
	Floor marking by solings or top pieces	SATRA TM223:2000	UK
	Resistance to crack initiation and growth - belt flex method	SATRA TM133:2017	UK & China
<b>PLASTICS AND RUBBER (cont'd)</b>	<b><u>Physical Tests</u> (cont'd)</b>		
	Personal protective equipment. Footwear. Test method for slip resistance	EN ISO 13287:2019	UK
	Falling mass shock absorption test	SATRA TM142:1992	UK
Rubber and Thermoplastic Solings	Ross flex test - resistance to cut growth on flexing	SATRA TM60:1992	UK
	Split tear strength	SATRA TM65:2015	UK
	Compression set - constant stress method	SATRA TM64:1996	UK
Rubber and Plastics	Hardness - durometer method	SATRA TM205:2016 (Shore A only)	UK
	Resistance to ozone cracking	ISO 1431-1:2012	UK
Rubber	Rubber deterioration - surface ozone and dynamic cracking in a chamber	ASTM D1149-99 ( <i>withdrawn</i> ) ASTM D1171-99 2007 ( <i>withdrawn</i> )	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>TEXTILES AND LEATHER</b></p> <p>Textiles and Leather</p>	<p><b><u>Colourfastness</u></b></p> <p>Colour fastness to:</p> <ul style="list-style-type: none"> <li>• Ozone</li> <li>• Crocking</li> <li>• Water and Perspiration</li> <li>• Circular Rubbing</li> <li>• Breaking strength of threads</li> </ul>	<p>AATCC 109:1997 <i>(withdrawn)</i> AATCC 109: 2016</p> <p>SATRA TM167:2017</p> <p>SATRA TM335:2018</p> <p>SATRA TM8: 2004</p> <p>SATRA TM74:2019</p>	<p>UK</p> <p>UK &amp; China</p> <p>UK &amp; China</p> <p>UK &amp; China</p> <p>UK</p>



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>TEXTILES AND LEATHER (cont'd)</b>	<b>Colourfastness (cont'd)</b>		
Textiles	Colour fastness to: <ul style="list-style-type: none"> <li>Bleaching/Hypochlorite</li> <li>Sea Water</li> <li>Dry Cleaning using Perchloroethylene Solvent</li> <li>Artificial light: Xenon arc fading lamp test</li> <li>Artificial weathering: Xenon arc fading lamp test</li> <li>Water</li> <li>Perspiration</li> <li>Rubbing</li> <li>Chlorinated water (swimming-pool water)</li> </ul>	EN 20105-N01:1995  EN ISO 105-E02:2013  EN ISO 105-D01:2010  EN ISO 105-B02:2013  EN 105-B04:1997  EN ISO 105-E01:2013  EN ISO 105-E04: 2013  EN ISO 105-X12:2016 ISO 20433:2012 EN ISO 105-E03:2010	UK
Leather	Colour fastness to cycles of to-and-fro rubbing	EN ISO 11640:2018	UK
	Lastometer ball burst test	SATRA TM24:2017	China
	Tear Strength (Bauman method)	SATRA TM162:2017	China
	Breaking Strength and extension at break	SATRA TM29:2017	China
Textiles and Leather	Vamp flex test - resistance to creasing and cracking	SATRA TM25:2020	UK & China
	Abrasion resistance - Martindale method	SATRA TM31:2003	UK
	Trouser leg tear	SATRA TM30:2017	China
Leather	Thickness of leather and insole materials	SATRA TM1:2013	UK
	Flexing index	SATRA TM3:1999	UK





0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>TEXTILES AND LEATHER (cont'd)</b>	<b><u>Colourfastness</u></b> (cont'd)		
Leather (cont'd)	Strength of attachments of straps and nailed or stapled uppers	SATRA TM120:2001	UK
Textiles	Determination of physiological properties - measurement of thermal and water vapour resistance under steady state conditions (sweating guarded-hotplate test)	EN ISO 11092:2014	UK
	<b><u>Chemical Tests</u></b>		
Textiles	Determination of certain aromatic amines derived from azo colorants. Detection of the use of certain azo colorants accessible with and without extracting the fibres	EN ISO 14362-1:2017	UK
Textiles and Leather	Phthalates	ISO 14389:2014 (CPSC-CH-C1001-09.4) in accordance with SOP CAT-024 in order to meet the requirements of CPSIA:2008	UK
Textiles and Leather	Determination of pH of aqueous extract	EN ISO 3071:2020	UK
	Determination of formaldehyde content.	EN ISO 17226-1:2008 using high performance liquid chromatography (HPLC)	UK
	Determination of chromium(VI) content	EN ISO 17075-2:2017	UK
Textiles	Determination of formaldehyde. Free and hydrolysed formaldehyde (water extraction method)	EN ISO 14184-1:2011	UK
Leather	Determination of pentachlorophenol	ISO 17070:2015	UK
	Preparation of sample by grinding	ISO 4044:2008 EN ISO 4044:2017	UK
	Determination of volatile matter	ISO 4684:2005	UK
	Determination of pH	ISO 4045:2008 EN ISO 4045:2018	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>TEXTILES AND LEATHER</b> (cont'd)  Leather (cont'd)	<b>Chemical Tests</b> (cont'd)  Determination of certain azo colorants in dyed leathers. Determination of certain aromatic amines derived from azo colorants	EN ISO 17234-1:2015	UK
<b>TOYS AND PACKAGING</b>  Toys, Toxicity  Category III  Toys	<b>Safety Tests</b>  Chemical Tests for general elements and Chromium VI  1 <sup>st</sup> Action Screening Method  Flammability	EN 71-3:2019  EN 71-3:2013+A1:2014 (withdrawn) using SOP CAT-003 and SOP CAT-007. Using acid extraction, and ICP(MS);  To implement EU Directive 2009/48/EC plus Amds 2012/7 EU and 681/2013 EU  If total extractable Sn, when Uexp is taken into account; Is < 4.9mg/kg it may be inferred that the sample meets the migration limits of EN 71-3:2019 for both Inorganic and Organic Tin  EN 71-2:2011+A1:2014	UK  UK  UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No: 088 Issue date: 14 October 2021**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>CHILD CARE ARTICLES</b>	<b><u>Chemical Testing</u></b>		
Children's Products	Total lead in metal Items (including jewellery)	SOP CAT 030- (CPSC-CH-E1002-08.2:2012) using microwave digestion and ICP (OES). To meet the requirements of CPSIA:2008	UK
Children's Products	Total Lead in non-metal items (excluding ceramics)	SOP CAT 029- (CPSC-CH-E1001-08.2:2012) using microwave digestion and ICP (OES). To meet the requirements of CPSIA:2008	UK
	Total Lead in paint & surface coatings	SOP CAT 028- (CPSC-CH-E1003-09.1:2011) using microwave digestion and ICP (OES). To meet the requirements of 16 CFR Part 1303.	UK
<b>VISIBILITY</b>	<b><u>Physical Testing</u></b>		
Visibility Accessories	Visibility accessories for nonprofessional use - test methods and requirements	EN 13356:2001	UK
<b>MARINE</b>	<b><u>Physical Testing</u></b>		
Marine Lifelines	Physical tests	EN 12401:2009	UK
<b>HOMEWARES</b>	<b><u>Physical Testing</u></b>		
Materials and articles in contact with foodstuffs	Test methods for plastics	EN 1186:2002 Parts 1, 3, 5, 9, and 14	UK



0248  
Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**SATRA Technology Centre Ltd**  
**Issue No:** 088 **Issue date:** 14 October 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>PRODUCTS IN CONTACT WITH THE SKIN</b>  Products in Contact with the Skin	<b><u>Chemical Tests</u></b>  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 1811:2011+A1:2015	UK
<b>TRIMS AND COMPONENTS</b>  Trims and Components	<b><u>Physical Testing</u></b>  Method for the simulation of wear and corrosion for the detection of nickel release from coated items	EN 12472:2005+A1:2009	UK
END			