Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0248 **Accredited to ISO/IEC 17025:2017**	**SATRA Technology Centre Limited** **Issue No:**105 **Issue date:** 11 September 2026
Wyndham Way **Telford Way Industrial Estate** **Kettering** **Northamptonshire** **NN16 8SD**	**Contacts: Mrs J Glasspool** **Mrs Kelly Harrison** **Tel: +44 (0)1536 410000** **E-Mail: info@satra.com** **Website: www.satra.com**

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address SATRA Technology Centre Ltd Wyndham Way Telford Way Industrial Estate Kettering NN16 8SD	**Local contact** Mrs J Glasspool	**Testing:** Construction Personal Protective Equipment Textiles and Leather, Plastics and Rubber Paper and Packaging Toys and Childcare Products Sports and Leisure Equipment Footwear	UK

Site activities performed away from the locations listed above:

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

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SATRA Technology Centre Limited

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Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Flexible Scope

Accredited testing at the UK Laboratory location though the modification of existing test methods including revised and technically equivalent methods to the activities listed below, in accordance with the documented in house procedure 17025 QP 31.

Information about flexible scopes is available in UKAS document GEN4: October 2019

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CLOTHING	**Physical Tests**		
Touch and Close Fasteners	Closure strength	SATRA TM123:2021	UK
Clothing, Fabrics and Finished Garments	Preparation, marking and measuring for dimensional change	ISO 4931:1986 *(withdrawn)* ISO 3759:1984 *(withdrawn)* EN ISO 3759:2011	UK
Textiles	Domestic washing and drying procedures for textile testing	ISO 6330:2021	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONSTRUCTION	**Physical Testing**		
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 9227-2022+A1:2024 (salt only)	UK
Building Products	Classification using data from reaction to fire tests.	BS EN 13501-1:2018**	UK
	Reaction to fire tests - ignitability of building products subjected to direct impingement of flame - Single flame source	EN ISO 11925-2:2002 *(withdrawn)* EN ISO 11925-2:2010 *(withdrawn)* EN ISO 11925-2:2020	UK
	Reaction to fire tests for building products - Conditioning - procedures and general rules for selection of substrates	EN 13238:2010	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FLOOR COVERINGS	**Physical Testing** (cont'd)		
Floor coverings	Pendulum testers; Method of operation	BS EN 16165:2021	UK, S1
	Slip resistance; Walking Method - Ramp	DIN EN 16165:2021 Annex B	UK
	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
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	UK
Resilient and Textile Floor Coverings	Determination of the side length, squareness and straightness of tiles	BS EN ISO 24342:2024	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 ISO 23999-2021	UK
	Determination of flexibility	EN ISO 24344:2012 Method A only	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FLOOR COVERINGS (cont'd)	**Physical Testing** (cont'd)		
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
	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 Method B Only	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 24342:2024	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOTWEAR	**Physical Tests**		
Footwear Adhesives	Peel strength of adhesive bonds	SATRA TM401:2021	UK
	Peel strength of footwear sole bonds	SATRA TM411:2019	UK
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
	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 TM118:2025	UK
	Strength of attachment of decorative bows	SATRA TM117:1992	UK
	Security of eyelet attachment	SATRA TM150:1999	UK
	Flexing Index	SATRA TM3:1999	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOTWEAR (cont'd)	**Physical Tests** (cont'd)		
Safety and Industrial Footwear	Test methods for safety footwear	EN ISO 20344:2011	UK
		SATRA TM144:2021	UK
		ISO 4649:2010 (withdrawn) ISO 4649:2017	UK
	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
	Live working-footwear for electrical protection-insulating footwear and overboots	EN 50321: -1:2018 Excluding d.c. tests	UK
	Requirements for footwear for firefighters	EN 15090:2006 *(withdrawn)* EN 15090:2012	UK
Toe Puffs and Stiffeners	Collapsing load	SATRA TM83:2018 Methods 1 & 2 only	UK
	Chemical Testing		
Footwear and Footwear Components	Polycyclic Aromatic Hydrocarbons (PAH's)	EN ISO 16190:2021 Using (GC-MS/MS)	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FURNITURE	**Physical Testing**		
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 (withdrawn) 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 (withdrawn) 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
	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FURNITURE (cont'd)	**Physical Testing** (cont'd)		
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 Office Work Chair	Safety requirements	EN 1335-2:2018	UK
Non-Domestic Storage Furniture	Requirements for safety, strength durability and stability	BS EN 16121 :2023 BS EN 16122:2023	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
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FURNITURE (cont'd)	**Physical Testing** (cont'd)		
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
UPHOLSTERED FURNITURE	**Physical Testing**		
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
UPHOLSTERED FURNITURE (cont'd)	**Physical Testing** (cont'd)		
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
EYEWEAR	**Physical Testing**		
Eyewear	Personal eye-protection. Optical test methods	16321-1:2022+A1:2025 excluding 5.2.2, 6.3, 6.3.3.4.2, 6.3.4, 6.7, 7.12, 7.14, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21 EN ISO 18526-1:2020 EN ISO 18526-2:2020 excluding 15, 17 EN ISO 18526-3:2020 excluding 6.13, 6.14, 6.15, 6.16, 7.4, 7.6, 10	UK
HEARING PROTECTORS	**Physical Tests**		
Ear-Muffs (including those attached to head protection and/ or face protection devices) 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 352-1:2020 EN 352-2:2020 EN 13819-1:2020	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HEARING PROTECTORS (cont'd)	**Acoustic Testing**		
Earmuffs (including those attached to head protection and/ or face protection devices)	Insertion loss	EN ISO 4869-3:2007 EN 13819-2:2020 Clause 4.1 In support of: EN 13819-1:2020 EN 352-1:2020 EN 352-3:2020 EN 352-4:2020 EN 352-6:2020	UK
Ear-Muffs (including those attached to head protection and/or face protection devices) and Ear plugs	Sound Attenuation Calculation of Octave band attenuation values to EN ISO 4869-2:2018 for: SNR rating HML values APVf98	EN ISO 4869-1:2018 EN 13819-2:2020 Clause 4.2 In support of: EN 13819-1:2020 EN 352-1:2020 EN 352-2:2020 EN 352-3:2020 EN 352-4:2020 EN 352-6:2020	UK
Level Dependent Ear-Muffs	Criterion level assessment	EN 13819-3:20192001 Clause 7.2.2 In support of EN 352-4:2020	UK
Ear-Muffs with Electrical Audio Input	Maximum output level assessment	EN 13819-3:2019 Clause 7.6.1 In support of EN 352-6:2020	UK
Ear-Muffs with Bluetooth Receivers	Maximum output level assessment	EN 13819-3:2019 Clause 7.5.1 In support of EN 352-6:2020	UK
PROTECTIVE CLOTHING	**Physical Testing**		
	Mechanical properties. Determination of resistance to cutting by sharp objects	EN ISO 13997:1999	UK
	Mechanical properties - test method: Puncture resistance	EN 863:1995	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
High Visibility Warning Clothing	Test methods and requirements	EN ISO 20471:2013+ A1:2016	UK
Protective Clothing Against Flame		Protective clothing. Protection against flame. Limited flame spread materials, material assemblies and clothing Methods of test required for the EN ISO 14116:2015 using data from the testing detailed below. (excludes burst strength)	UK
	Physical Testing - Dimensional change - Domestic Washing - Industrial Washing - Drycleaning	 EN ISO 5077:2008 EN ISO 6330:2021 EN ISO 15797:2012 EN ISO 3175-2:2018	 UK
	Limited flame spread	EN ISO 15025:2016	UK
	Tensile strength	ISO 13934-1:2013	UK
	Tear strength - Woven material - Non-woven material	 ISO 13937-2:2000 ISO 9073-4:2021	
	Seam strength	ISO 13935-2:2014	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
Protective Clothing Against Heat and Flame		Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements Methods of test required for the EN ISO 11612:2015 using data from the testing detailed below: (excludes burst strength, aluminium splash, iron splash, mechanical pretreatment)	UK
	Physical Testing - Dimensional change - Domestic Washing - Industrial Washing - Drycleaning	 EN ISO 5077:2008 EN ISO 6330:2021 EN ISO 15797:2012 EN ISO 3175-2:2018	UK
	Heat resistance Limited flame spread Convective heat Radiant heat Contact heat	ISO 17493:2016 EN ISO 15025:2016 ISO 9151:2016 ISO 6942:2002 ISO 12127-1:2015	UK
	Tear strength - Woven materials - Leather Seam strength	 ISO 13937-2:2000 ISO 3377-1:2011 ISO 13935-2:2014	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
Protective Clothing For use in welding and allied processes		Protective clothing for use in welding and allied processes Methods of test required for the EN ISO 11611:2015 using data from the testing detailed below: (excludes burst strength, Small molten metal spater)	UK
	Physical Testing - Dimensional change - Domestic Washing - Industrial Washing - Drycleaning	 EN ISO 5077:2008 EN ISO 6330:2021 EN ISO 15797:2012 EN ISO 3175-2:2018	 UK
	Heat transfer Limited flame spread	ISO 6942:2002 EN ISO 15025:2016	UK
	Tensile strength - Woven materials - Leather Tear strength - Woven materials - Leather Seam strength	 ISO 13934-1:2013 ISO 3376:2020 ISO 13937-2:2000 ISO 3377-1:2011 ISO 13935-2:2014	 UK
	Electrical resistance	EN 1149-2	UK
Protective Clothing	Electrostatic properties: Performance requirements	EN 1149-5:2008	UK
	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
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 (withdrawn) Using data from the testing detailed below: B.2.3 Abrasion resistance B.2.4 Flex cracking B.2.6 Tear resistance B.2.8 Tensile strength B.2.9 Puncture resistance B.2.10 EN 16523-1:2015+A1:2018 permeation by chemicals B.3.4.2 Seams, permeation by chemicals B.3.5 Seam strength	UK
	Physical Tests		
	Abrasion Resistance Flex Cracking Resistance Trapezoidal Tear Resistance Tensile Strength Puncture Resistance Permeation by Chemicals Seam Strength Seam Permeation	Appendix B.2.3 Appendix B.2.4 ISO 9074-3:2021 ISO 13934-1:2013 EN 863:1996 EN 16523-1:2015+A1:2018 EN 14925-2:2014 EN 16523-1:2015+A1:2018	UK
	Requirements and test methods for professional motorcyclists' protective footwear	EN 13634:2017	UK
Protective Clothing for Professional Motorcycle Riders	Performance requirements and test methods against mechanical impact - Motorcyclists protective gloves for road riding	EN 13594:2015	UK
	Test method for determination of impact abrasion resistance	EN 13595-2:2002 (withdrawn)	UK
	Test method for determination of impact cut resistance	EN 13595-4:2002 (withdrawn)	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
Protective Garments for Motorcycle Riders (excludes Chest Impact Protection & Inflatable Impact Protection)		Methods of test required for the classification of protective garments for motorcycle riders BS EN 17092-2:2020, BS EN 17092-3:2020, BS EN 17092-4:2020 BS EN 17092-5:2020 BS EN 17092-6:2020 using data from the testing detailed below	
	Innocuousness - CrVI - Nickel - pH (leather) - pH (other materials) - Prohibited Aromatic amines	 EN ISO 17075-2:2017 EN 1811:2023 EN ISO 4045:2018 EN ISO 3071:2020 EN ISO 14362-1:2017 Annex E of EN ISO 14362-1:2017	 UK
	Physical Testing - Dimensional Stability - Domestic Washing - Industrial Washing - Drycleaning	 EN ISO 5077:2008 EN ISO 6330:2021 EN ISO 15797:2012 EN ISO 3175-2:2018	 UK
	Impact Energy Absorption - Limb Protectors - Back Protectors	 EN 1621-1:2012 EN 1621-2:2014	 UK
	Impact Protector Location and Fixation	EN 17092-1:2020	UK
	Impact Abrasion Resistance	EN 17092-1:2020	UK
	Structurally Strong Seams	EN 17092-1:2020 EN 13594:2015 Annex B	UK
	Tear Strength - Leather - Other Materials	 EN ISO 3377-1:2011 EN ISO 4674-1:2016 Mtd. B	 UK
	Restraint	EN 17092-1:2020	UK
	Risk Category Zoning	EN 17092-1:2020	UK
	Fit & Ergonomics	EN 17092-1:2020	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PROTECTIVE CLOTHING (cont'd)	**Physical Testing** (cont'd)		
Protective Clothing for use in Violent Situations	Gloves for protection against mechanical, thermal and chemical hazards - Requirements and test methods	BS 7971-6: 2016 Using data from the testing detailed below	UK
	Sizing	EN 420	
	Design and construction	BS 7971-6: 2016 Clause 4.3	
	Abrasion resistance	EN 388:2003	
	Tear resistance	EN 388:2003	
	Puncture resistance	EN 388:2003	
	Protection against chemicals	BS 7971-6: 2016 Clause 4.4.2.2	
	Ergonomic performance	BS 7971-6: 2016 Clause 4.4.3	
	Burning behaviour	EN 407: 2003 EN ISO 15025:2016. Method A	
	Convective heat resistance	EN ISO 9151:2016	
	Radiant heat resistance	EN ISO 6942:2002	
	Contact heat resistance	EN ISO 12127-1:2015	
	Heat resistance of the lining material	EN 659:2003+A1:2008	
	Impact resistance	EN 13594:2015	
GLOVES	**Physical Testing**		
Medical Gloves for Single Use	Requirements and testing for freedom from holes	EN 455-1:2020	UK
	Requirements and testing for physical properties	EN 455-2:2015	UK
	Requirements and testing for biological evaluation	EN 455-3:2023 Annex A	UK
Gloves	Abrasion resistance, blade cut resistance, tear resistance, puncture resistance, dimensions and dexterity	EN 388:2016 +A1 2018	UK
	Terminology and performance requirements	EN ISO 374-1: 2016 + A1:2018	UK
	Determination of resistance to penetration	EN ISO 374-2 :2019	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GLOVES (cont'd)	**Physical Testing** (cont'd)		
Gloves (cont'd)	Permeation by potentially hazardous liquid chemicals under conditions of continuous contact	EN 16523-1:2015 +A1:2018	UK
	Determination of resistance to permeation by chemicals	EN ISO 374-4:2019	UK
	Protective gloves for firefighters	EN 659:2003+A1:2008	UK
	Heat and flame tests	EN 407:2020 Excluding clause 6.7	UK
	Specification for gloves and mitts of insulating material for live working	EN 60903:2003 *(excluding composite gloves)*	UK
General Requirements for Gloves	Chemical and dimensions	EN ISO 21420:2020+A1:2024	UK
Protective gloves against cold	Thermal testing	EN 511:2006	UK
	Mechanical requirements	EN 388:2016+A1:2018	UK
	Flexibility behaviour	EN ISO 7854:1997 Method A	UK
	Water penetration	ISO 15383:2001 Annex A – Whole glove integrity	UK
	Extreme cold flexibility test	ISO 4675:2017	UK
	Convective cold	EN 511:2006	UK
	Contact cold	ISO 5085-1:1989	UK
Protective gloves and other hand protection against thermal risks (Heat & Fire)		Methods of test required for the EN ISO 407:2020 using data from the testing detailed below: (excluding Small splashes of molten metal & Large Quantities of molten metal)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GLOVES (cont'd)	**Physical Testing** (cont'd)		
	Physical Testing - Dimensional change - Domestic Washing - Industrial Washing - Drycleaning	 EN ISO 5077:2008 EN ISO 6330:2021 EN ISO 15797:2012 EN ISO 3175-2:2018	 UK
	General & sizing Tear resistance	EN ISO 21420:2020+A1:2024 EN ISO 407:2020	UK
	Limited flame spread Contact heat Convective heat Radiant heat	EN ISO 15025:2016 EN ISO 12127-1:2015 EN ISO 9151:2016 EN ISO 6942:2002	UK
KNEE PROTECTORS	**Physical Testing**		
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
FOOT AND LEG PROTECTORS	**Physical Testing**		
Foot and Leg Protectors	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
	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FALL ARREST SYSTEMS	**Physical Testing**		
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	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 4.2.3.4	UK
Personal Fall Protection Equipment	Static strength Dynamic strength	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	UK, S2
		3.3.4 Specific requirements for self-retracting lanyards with integral rescue capability	
		3.4 Energy capacity	S2
		3.6 Additional testing for self-retracting lanyards	S2
		3.7 Hybrid self-retracting devices	S2

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FALL ARREST SYSTEMS (cont'd)	**Physical Testing** (cont'd)		
Self-retracting Devices for Personal Fall Arrest and Rescue Systems (cont'd)	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 Dynamic strength Static strength	ANSI/ASSE Z359.11-2021	UK
Permanent anchor devices. Kit A - Anchor Kit incorporating a single anchor device	Dynamic test Breaking Load Water permeability Visual Inspection for defects (on Anchor Kits installed on Roof mock-ups supplied and installed by the customer)	EN 17235:2024	UK, S1
Permanent anchor devices. Kit C - Anchor Kit incorporating a horizontal wire anchor line.	Dynamic test Breaking Load Test Water permeability Visual Inspection for defects (on Anchor Kits installed on Roof mock-ups supplied and installed by the customer)	EN 17235:2024	UK, S1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FALLS FROM A HEIGHT	**Physical Testing**		
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	Safety Requirements	ANSI/ASSP Z359.3 2019.	UK
Energy absorbing lanyard	Activation force (Kg) Length (mm) Static strength Dynamic strength	ANSI/ASSE Z359.13-2013	UK
Fall Arrest Connectors	Personal protective equipment against falls from a height connector	EN 362:1992 *(withdrawn)* EN 362:2004	UK
Mountaineering Equipment.	Connectors. Safety requirements and test methods	EN 12275:2013	UK
	Safety Requirements for anchorage connectors for active fall protection systems	ANSI/ASSE Z359.18-2017	UK, S1
Personal Fall Protection Equipment.	Rescue loops	EN 1498:2006	UK
	Rescue harnesses	EN 1497:2007	UK
	Rescue lifting devices (note 5.8 functional testing measurement capability is < 6.5 m)	EN 1496: 2017	UK
Fall arrest equipment	Safety requirements for single anchor lifelines and fall arresters for personal fall arrest and rescue systems	ANSI/ASSE Z359.15-2014	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
EQUESTRIAN BODY PROTECTORS	**Physical Testing**		
Equestrian Body Protectors	Protective clothing - protective jackets, body and shoulder protectors for horse riders - requirements and test methods	EN 13158:2018	UK
FOOTBALL SHIN GUARDS	**Physical Testing**		
Football Shin Guards	Physical tests	EN 13061:2009 Clauses 4.3 to 4.8	UK
PROTECTIVE EQUIPMENT FOR CRICKETERS	**Physical Testing**		
Protective Equipment for Cricketers	General requirements	BS 6183-1:2000	UK
	Leg protectors for batters, wicket keepers, and fielders, and thigh, arm and chest protectors for batters	BS 6183-3:2000	UK
	Gloves for batters	BS 6183-4:2001	UK
MARTIAL ARTS PROTECTIVE EQUIPMENT	**Physical Testing**		
Martial Arts Protective Equipment	General requirements and test methods	EN 13277-1:2000	UK
	Additional requirements and test methods for instep protectors, shin protectors and forearm protectors	EN 13277-2:2000	UK
	Additional requirements and test methods for trunk protectors	EN 13277-3:2013	UK
	Additional requirements and test methods for head protectors	EN 13277-4:2001+A1:2007	UK
	Additional requirements and test methods for genital protectors and abdominal protectors	EN 13277-5:2002	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MOUNTAINEERING EQUIPMENT	**Physical Testing**		
	Corrosion resistance - salt spray	EN ISO 9227:2022+A1:2024 (Salt only) ASTM B117-19	UK
HELMETS	**Physical Testing**		
Helmets	Electrically insulating helmets for use on low voltage installations	EN 50365:2002 (withdrawn)	UK
RESPIRATORY PROTECTION	**Physical & Flammability Testing**		
	Full face masks. Requirements, testing, marking	EN 136:1998 Excluding Thermal radiation test Cl 8.6/7.7) EN 148-1-:2018 EN 148-2: 1999 EN 143-3:1999	UK
	Half masks and quarter masks. Requirements, testing, marking	EN 140: 1999 EN 148-1-:2018	UK
	Particle filters. Requirements, testing, marking	EN 143: 2021 EN 13274-7: 2019 EN 148-1: 2018 EN 13274-3: 2021(Method 1)	UK
	Filtering half masks to protect against particles. Requirements, testing, marking	EN 149: 2001 +A1: 2009 EN 13274-7: 2019 EN 143: 2021	UK
	Valved filtering half masks to protect against gases or gases and particles. Requirements, testing, marking	EN 405: 2001+A1: 2009 excluding clause 7.7.2 EN 13274-7: 2019 EN 143: 2021 EN 14387: 2021 Excluding Gas Capacity Cl 5,12	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PLASTICS AND RUBBER	**Physical Tests**		
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
	Floor marking by solings or top pieces	SATRA TM223:2000	UK
	Resistance to crack initiation and growth - belt flex method	SATRA TM133:2017	UK
	Personal protective equipment. Footwear. Test method for slip resistance	EN ISO 13287:2019	UK
	Falling mass shock absorption test	SATRA TM142:1992	UK
	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
TEXTILES AND LEATHER	**Colourfastness**		
Textiles and Leather	Colour fastness to:		
	• Crocking	SATRA TM167:2017	UK
	• Water and Perspiration	SATRA TM335:2018	UK
	• Circular Rubbing	SATRA TM8: 2004	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TEXTILES AND LEATHER (cont'd)	**Colourfastness** (cont'd)		
Textiles	Colour fastness to:		
	• Sea Water	EN ISO 105-E02:2013	UK
	• Dry Cleaning using Perchloroethylene Solvent	EN ISO 105-D01:2010	UK
	• Artificial light: Xenon arc fading lamp test	EN ISO 105-B02:2014	UK
	• Artificial weathering: Xenon arc fading lamp test	EN 105-B04:1997	UK
	• Water	EN ISO 105-E01:2013	UK
	• Perspiration	EN ISO 105-E04: 2013	UK
	• Rubbing	EN ISO 105-X12:2016 ISO 20433:2012 (withdrawn)	UK
Leather	Colour fastness to cycles of to-and-fro rubbing	EN ISO 11640:2018	UK
Textiles and Leather	Vamp flex test - resistance to creasing and cracking	SATRA TM25:2020	UK
	Abrasion resistance - Martindale method	SATRA TM31:2003	UK
Leather	Thickness of leather and insole materials	SATRA TM1:2021	UK
	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
	Breaking force, extension at break, strength factor and tightness of threads	SATRA TM74:2019	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TEXTILES AND LEATHER (cont'd)	**Chemical Tests**		
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 Annex E of EN ISO 14362-1:2017	UK
Textiles and Leather	Phthalates	ISO 14389:2022 (CPSC-CH-C1001-09.4) in accordance with SOP CAT-024 in order to meet the requirements of CPSIA:2008	UK
Textiles	Determination of pH of aqueous extract	EN ISO 3071:2020	UK
Leather	Determination of formaldehyde content.	EN ISO 17226-1:2021 using high performance liquid chromatography (HPLC)	UK
Leather	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	EN ISO 4044:2017	UK
	Determination of volatile matter	ISO 4684:2005	UK
	Determination of pH	EN ISO 4045:2018	UK
	Determination of certain azo colorants in dyed leathers. Determination of certain aromatic amines derived from azo colorants	EN ISO 17234-1:2020 Annex D of BS EN ISO 17234-1:2020	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TOYS AND PACKAGING	**Safety Tests**		
Toys, Toxicity	Chemical Tests for general elements and Chromium VI	BS EN 71-3:2019+A1:2021Using acid extraction, and ICP(MS); To implement EU Directive 2009/48/EC plus Amds 2012/7 EU and 681/2013 EU	UK
Category III	1st Action Screening Method	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	UK
CHILD CARE ARTICLES	**Chemical Testing**		
Children's Products	Total lead in metal Items (including jewellery)	SOP CAT 030- (CPSC-CH-E1002-08.3:2012) using microwave digestion and ICP MS To meet the requirements of CPSIA:2008	UK
Children's Products	Total Lead in non-metal items (excluding ceramics)	SOP CAT 029- (CPSC-CH-E1001-08.3:2012) using microwave digestion and ICP MS. 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 ICPMS. To meet the requirements of 16 CFR Part 1303.	UK

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARINE	**Physical Testing**		
Marine Lifelines	Physical tests	EN ISO 12401:2009	UK
HOMEWARES	**Physical Testing**		
Materials and articles in contact with foodstuffs	Test methods for plastics	EN 1186-1:2022 EN 1186-3: 2022	UK
PRODUCTS IN CONTACT WITH THE SKIN	**Chemical Tests**		
Products in Contact with the Skin	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 1811:2023	UK
TRIMS AND COMPONENTS	**Physical Testing**		
Trims and Components	Method for the simulation of wear and corrosion for the detection of nickel release from coated items	EN 12472:2020	UK
END			

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 Limited** **Issue No:** 105 **Issue date: 11 September 2026**
Testing performed by the Organisation at the locations specified	

Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5			
Directive / Regulation	**Conformity Assessment Procedure/Module/ Article**	**Category of products or individual products**	**Essential requirements: Product Specifications/ Properties/Standards**
Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020	Annex V- Testing Laboratory (AVCP) System 3	97/808/EC Floorings (2/2) : Resilient and textile floorings	EN 14904:2006 EN 14041:2004/AC2006
	Annex V- Testing Laboratory (AVCP) System 3	97/808/EC Floorings (2/2): Rigid Flooring products	EN 14342:2013

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Testing performed by the Organisation at the locations specified

Accreditation for the purpose of Notified Body Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17

Directive / Regulation	Conformity Assessment Procedure/Module/ Article	Category of products or individual products	Essential requirements: Product Specifications/ Properties/Standards
Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020	Annex V- Testing Laboratory (AVCP) System 3	97/808/EC Floorings (2/2) : Resilient and textile floorings	EN 14904:2006 EN 14041:2004/AC2006
	Annex V- Testing Laboratory (AVCP) System 3	97/808/EC Floorings (2/2): Rigid Flooring products	EN 14342:2013

**Appendix – BS EN 13501 Fire Classification:

Introduction

The definitive statement of the accreditation status of a testing laboratory is the Accreditation Certificate and the associated Schedule of Accreditation. This Schedule of Accreditation is a critical document as it defines the extent of the activities for which the organisation holds accreditation.

BS EN 13501 Fire Classification Requirements: Such classifications shall be based on recognised Direct Field of Application (DIAP) or Extended Field of Application (EXAP) that refers to a standard prepared by or approved by CEN/TC 127 “Fire safety in buildings” or a product standard which includes full information on testing to support the EXAP.

The schedule entry does not cover any Expert judgements (i.e. an opinion that is not considered/covered by an EXAP standard and/or is only based on the experience of an individual(s)).

END