Schedule of Accreditation

United Kingdom Accreditation Service

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



2614

Accredited to ISO/IEC 17025:2017

Sports Labs Ltd

Issue No: 016 Issue date: 01 December 2020

1 Adam Square Contact: Mr R Nixon Tel: +44 (0)845 602 6354 **Brucefield Industry Park**

Livingston Fax: +44 (0)845 602 6356

> E-Mail: richard@sportslabs.co.uk Website: www.sportslabs.co.uk

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 1 Adam Square Brucefield Industry Park Livingston EH54 9DE	Local contact Mr R Nixon Tel: +44 (0)845 602 6354 Fax: +44 (0)845 602 6356 E-Mail: richard@sportslabs.co.uk Website: www.sportslabs.co.uk	Testing of sports and related surfaces	Laboratory

Site activities performed away from the locations listed above:

EH54 9DE

Location details	Activity	Location code
All locations suitable for the activities listed	Testing of sports and related surfaces	Site

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ARTIFICIAL SPORTS SURFACES	Dall Dah awad	DO EN 40005-0040	Laboratori
	Ball Rebound	BS EN 12235:2013 FIFA Test Method 01 ECB Performance Standard – TS 6 November 2007	Laboratory & Site
	Ball Roll	BS EN 12234:2013 FIFA Test Method 03 FIH Pitch handbook: May 2013	Laboratory & Site
	Critical Fall Height	BS EN 1177:2018 World Rugby – Test Method 1	Laboratory & Site
	Free pile height	FIFA Method 18	Laboratory & Site
	Energy of Restitution	FIFA Method 11	Laboratory & Site
	Infiltration	BS EN 12616:2013 FIH Pitch handbook: May 2013	Laboratory & Site
	Rotational Resistance	BS EN 15301-1:2007 FIFA Test Method 06 ECB Performance Standard – TS 6 November 2007	Laboratory & Site
	Shock Absorption	BS EN 14808:2005 FIFA Test Method 04a	Laboratory & Site
	Slip resistance	BS 7188 1998 + A2:2009 BS EN 13036-4:2011 IAAF Track Synthetic Surface Testing Specification March 2011	Laboratory & Site
	Standard Vertical Deformation	BS EN 14809:2005 FIFA Test Method 05a IAAF Track Synthetic Surface Testing Specification March 2011	Laboratory & Site
	Surface Evenness	BS 7370-3:1991 A 4.1 ECB Performance Standard – TS 6 November 2007	Site

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ARTIFICIAL SPORTS			
SURFACES (cont)	Surface Hardness	ECB Performance Standard – TS 6 November 2007	Site
	Surface Irregularity	BS EN 13036-7:2003	Site
	Surface Planarity	FIFA Method 12	Site
	Thickness	BS EN 1969:2000 Method B	Laboratory & Site
PLAYING FIELD EQUIPMENT			
Football goals	Strength Laboratory – free-standing portable goals only	BS EN 748:2013 + A!:2018	Laboratory & Site
	Stability Laboratory – free-standing portable goals only	BS EN 748:2013 + A1:2018	Laboratory & Site
	Strength of net fixings Laboratory – free-standing portable goals only	BS EN 748:2013 + A1:2018	Laboratory & Site
Goals for youth football, futsal, mini-soccer & small sided football	Strength test for crossbar Laboratory – free-standing portable goals only	BS 8462:2005 + A2:2012 Annex B3	Laboratory & Site
	Stability test Laboratory – free-standing portable goals only	BS 8462:2005 + A2:2012 Annex B4	Laboratory & Site
Poratble and permanent socketed goals	Strength Laboratory – free-standing portable goals only	EN 16579:2018	Laboratory & Site
	Stability Laboratory – free-standing portable goals only	EN 16579:2018	Laboratory & Site
	Strength of net fixings Laboratory – free-standing portable goals only	EN 16579:2018	Laboratory & Site

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PLAYING FIELD EQUIPMENT (cont)			
Goal Nets	Entrapment	BS EN 16579:2018	Site
	Mesh breaking strength	ISO 1806:2002	Laboratory
ARTIFICIAL TURF FOR SPORTS SURFACES – Carpets and Infill Material			
Carpet	Mass per unit area	BS ISO 8543:2020	Laboratory
	Pile length above backing	ISO 2549:1972	Laboratory
	Seam Strength	BS EN 12228:2013 – Method 2	Laboratory
	Tensile strength	IAAF Track Synthetic Surface Testing Specification March 2011	Laboratory
	Thickness	BS EN 1969:2000 Method A	Laboratory
	Total pile weight	BS ISO 8543:2020	Laboratory
	Tufts per unit area	ISO 1763:2020	Laboratory
	Tuft Withdrawal Force	ISO 4919:2012	Laboratory
Infill material	Particle size distribution	BS EN 933-1:2012	Laboratory
	Bulk density	BS EN 1097-3:1998	Laboratory
	Particle shape	BS EN 14955:2005	Laboratory
	Infill depth	FIFA method 21	Laboratory & Site
Pile yarn	Thermogravimetric analysis	FIFA Method 11	Laboratory
	Thermal analysis using DSC	BS EN ISO 11357-3:2018 FIFA Method 22	Laboratory
	Decitex of yarn	FIFA Method 23	Laboratory

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PLAYER MONITORING DEVICES and WEARABLE EPTS DEVICES			
	Geometric assessment	FIFA handbook of test methods for wearable EPTS devices Version 2 August 2020	Laboratory
	Impact test	FIFA handbook of test methods for wearable EPTS devices Version 2 August 2020	Laboratory
PLAYER MONITORING DEVICES and WEARABLE EPTS DEVICES (cont'd)			
	Size weight and shape	World Rugby Player Monitoring Devices document dated January 2019	Laboratory
	Impact Load test	World Rugby Player Monitoring Devices document dated January 2019	Laboratory
	Compression Load test	World Rugby Player Monitoring Devices document dated January 2019	Laboratory

Laboratory tests are performed under controlled conditions of 20 $^{\circ}$ C ± 2 $^{\circ}$ C for temperature and $65\% \pm 4\%$ for humidity. Site tests are performed under ambient conditions

END

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