

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 093
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Accreditation No: LAB 093

Awarded to

**Interloop Limited VSF QA Lab,
7-km Jaranwala Road, Khurrianwala, Faisalabad, Pakistan.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **11-09-2015** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **10-09-2021**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

24-11-2020
Date

SD.
Director General



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Testing Laboratory.

**Accreditation Scope of Interloop Limited VSF QA Lab,
7-km Jaranwala Road, Khurrianwala, Faisalabad, Pakistan.**

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Socks/ Yarn	Textile Testing	a) pH of Water extract from wet processed textile b) Determination of pH of the aqueous extract	<ul style="list-style-type: none"> • AATCC 81: 2016 • BS EN ISO 3071: 2006 pH Meter, Balance, Orbital Shaker, Hot Plate
Socks/ Yarn	Textile Testing	a) Colorfastness to domestic and commercial laundering b) Colorfastness to accelerated laundering	<ul style="list-style-type: none"> • BS EN ISO 105 C06 (A2S,B2S): 2010 • AATCC 61-2A: 2013 Gyro wash, Balance, Measuring Scale, Light Box, Grey Scale
Socks/ Yarn	Textile Testing	Colorfastness to Crocking/Rubbing	<ul style="list-style-type: none"> • BS EN ISO 105 X12: 2016 • AATCC 8: 2016 Crock Master, Balance, Light Box, Blotting paper, Grey Scale
Socks/ Yarn	Textile Testing	Colorfastness to Water	<ul style="list-style-type: none"> • BS EN ISO 105 E01: 2013 • AATCC 107: 2013 Perspiration tester, Oven, Measuring cylinder, Measuring Scale, Light box, Grey scale
Socks/ Yarn	Textile Testing	Colorfastness to Perspiration	<ul style="list-style-type: none"> • BS EN ISO 105 E04: 2013 • AATCC 15: 2013 Perspiration tester, Measuring cylinder, Measuring scale, Balance, Oven, Light Box, pH meter, Grey scale
Socks/ Yarn	Textile Testing	Fiber Analysis: Quantitative	<ul style="list-style-type: none"> • AATCC 20A: 2017 • ISO 1833: 2010 Part 7, 11 & 12 Weighing Balance, Oven, Thermometer, Desiccator, Fume Hood

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Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Socks	Textile Testing	Absorbency of Textiles (Option A)	<ul style="list-style-type: none"> AATCC 79: 2014 Embroidery Hoop, Stop watch, Burette, Measuring scale
Socks	Textile Testing	Vertical Wicking of Textiles (Option B)	<ul style="list-style-type: none"> AATCC 197: 2013 Marking Pen, Stop watch, Measuring Scale, Paper clip, Multiple specimen elongated pan,
Yarn/ Socks	Textile Testing	Visual Assessment of Color difference of Textiles	<ul style="list-style-type: none"> AATCC EP-09: 2017 Light Box, Gray Scale
Yarn	Textile Testing	Yarn number by skein method	<ul style="list-style-type: none"> ASTM D 1907: 2018 Yarn Reel, Balance
Socks	Textile Testing	a) Dimensional changes of fabrics/garments after home laundering b) Domestic washing and drying procedures for textile testing	<ul style="list-style-type: none"> AATCC 135: 2015 AATCC 150: 2012 BS EN ISO 6330: 2012 Whirlpool, Miele & Wascator, Tumble Dryer, Measuring Scale, Balance
Socks/ Yarn	Textile Testing	Colorfastness to Phenolic Yellowing	<ul style="list-style-type: none"> BS EN ISO 105 X18: 2007 Perspiration tester, Oven, Grey Scale
Yarn	Textile Testing	Twist in single spun yarns by untwist-retwist method	<ul style="list-style-type: none"> ASTM D 1422: 2013 Twist Tester

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Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Yarn	Textile Testing	Twist in yarns by direct counting	<ul style="list-style-type: none"> ASTM D 1423: 2016 Twist Tester
Socks	Textile Testing	Pilling Test (Pilling Box Method)	<ul style="list-style-type: none"> BS EN ISO 12945-1: 2001 ICI Pilling & Snagging Tester, Wash Rite, Tumble Dryer, SDL ATLAS Pilling Photographs
Socks	Textile Testing	Abrasion Test (Martindale Method)	<ul style="list-style-type: none"> BS EN ISO 12947-2: 1999 BS EN ISO 13770: 2002 (Method-1) Nu-Martindale Abrasion & Pilling Tester
Socks	Textile Testing	Pilling Test (Martindale Method)	<ul style="list-style-type: none"> BS EN ISO 12945-2: 2000 Nu-Martindale Abrasion & Pilling Tester, Wash Rite, Tumble Dryer, EMPA Photographic standards, Pilling Assessment Viewer
Socks	Textile Testing	Pilling Test (Random Tumble Pilling Method)	<ul style="list-style-type: none"> ASTM D 3512M-16 BS EN ISO 12945-3: 2014 Random Tumble Pilling Tester, Photographic standards
Industrial Water	Chemical Testing	Total Hardness (ppm)	<ul style="list-style-type: none"> Vogel's text book of Quantitative chemical analysis Burette, Volumetric flask, Pipette, Titration Flask
Industrial Water	Chemical Testing	Calcium Hardness (ppm)	<ul style="list-style-type: none"> Vogel's text book of Quantitative chemical analysis Burette, Volumetric flask, Pipette, Titration Flask
Industrial Water	Chemical Testing	Magnesium Hardness (ppm)	<ul style="list-style-type: none"> Vogel's text book of Quantitative chemical analysis Burette, Volumetric flask, Pipette, Titration Flask

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Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Industrial Water	Chemical Testing	Chlorides (ppm)	<ul style="list-style-type: none">• IS 3025 (Part 32) Burette, Volumetric flask, Pipette, Titration Flask
Industrial Water	Chemical Testing	Determination of pH value	<ul style="list-style-type: none">• IS 3025 (Part 11) Burette, Volumetric flask, Pipette, Titration Flask

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