

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 093</b>
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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 **10-12-2024**.

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**

10-09-2024  
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
Textile Products	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"> <li>• AATCC 81: 2016</li> <li>• BS EN ISO 3071: 2020</li> </ul> pH Meter, Balance, Orbital Shaker, Hot Plate
Textile Products	Textile Testing	a) Colorfastness to domestic and commercial laundering b) Colorfastness to accelerated laundering	<ul style="list-style-type: none"> <li>• BS EN ISO 105 C06 (A2S,B2S): 2010</li> <li>• AATCC 61-2A: 2013</li> </ul> Gyrowash, Balance, Measuring Scale, Light Box, Grey Scale
Textile Products	Textile Testing	Colorfastness to Crocking/Rubbing	<ul style="list-style-type: none"> <li>• BS EN ISO 105 X12: 2016</li> <li>• AATCC 8: 2016</li> </ul> Crock Master, Balance, Light Box, Blotting paper, Grey Scale
Textile Products	Textile Testing	Colorfastness to Water	<ul style="list-style-type: none"> <li>• BS EN ISO 105 E01: 2013</li> <li>• AATCC 107: 2013</li> </ul> Perspiration tester, Oven, Measuring cylinder, Measuring Scale, Light box, Grey scale
Textile Products	Textile Testing	Colorfastness to Perspiration	<ul style="list-style-type: none"> <li>• BS EN ISO 105 E04: 2013</li> <li>• AATCC 15: 2013</li> </ul> Perspiration tester, Measuring cylinder, Measuring scale, Balance, Oven, Light Box, pH meter, Grey scale
Textile Products	Textile Testing	Fiber Analysis: Quantitative	<ul style="list-style-type: none"> <li>• AATCC 20A: 2018</li> <li>• ISO 1833: Part 7 (2017)</li> <li>• , 11(2012) &amp;</li> <li>• 12 (2019)</li> </ul> Weighing Balance, Oven,

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			Thermometer, Desiccator, Fume Hood
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
Textile Products	Textile Testing	Absorbency of Textiles (Option A)	<ul style="list-style-type: none"> <li>• AATCC 79: 2018 Embroidery Hoop, Stop watch, Burette, Measuring scale</li> </ul>
Textile Products	Textile Testing	Vertical Wicking of Textiles (Option B)	<ul style="list-style-type: none"> <li>• AATCC 197: 2018 Marking Pen, Stop watch, Measuring Scale, Paper clip, Multiple specimen elongated pan,</li> </ul>
Textile Products	Textile Testing	Visual Assessment of Color difference of Textiles	<ul style="list-style-type: none"> <li>• AATCC EP-09: 2021 Light Box, Gray Scale</li> </ul>
Textile Products	Textile Testing	Yarn number by skein method	<ul style="list-style-type: none"> <li>• ASTM D 1907: 2018 Yarn Reel, Balance</li> </ul>
Textile Products	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"> <li>• AATCC 135: 2018</li> <li>• AATCC 150: 2018</li> <li>• BS EN ISO 6330: 2012 Whirlpool, Miele &amp; Wascator, Tumble Dryer, Measuring Scale, Balance</li> </ul>
Textile Products	Textile Testing	Colorfastness to Phenolic Yellowing	<ul style="list-style-type: none"> <li>• BS EN ISO 105 X18: 2007 Perspiration tester, Oven, Grey Scale</li> </ul>

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Textile Products	Textile Testing	Twist in single spun yarns by untwist-retwist method	<ul style="list-style-type: none"> <li>ASTM D 1422: 2020 Twist Tester</li> </ul>
<b>Materials/Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference</b>
Textile Products	Textile Testing	Twist in yarns by direct counting	<ul style="list-style-type: none"> <li>ASTM D 1423: 2016 Twist Tester</li> </ul>
Textile Products	Textile Testing	Pilling Test (Pilling Box Method)	<ul style="list-style-type: none"> <li>BS EN ISO 12945-1: 2020 ICI Pilling &amp; Snagging Tester, Wash Rite, Tumble Dryer, SDL ATLAS Pilling Photographs</li> </ul>
Textile Products	Textile Testing	Pilling Test (Random Tumble Pilling Method)	<ul style="list-style-type: none"> <li>ASTM D 3512M-16</li> <li>BS EN ISO 12945-3: 2020 Random Tumble Pilling Tester, Photographic standards</li> </ul>
Industrial Water	Water testing	Total Hardness (ppm)	<ul style="list-style-type: none"> <li>APHA Standard Method Burette, Volumetric flask, Pipette, Titration Flask</li> </ul>
Industrial Water	Water testing	Calcium Hardness (ppm)	<ul style="list-style-type: none"> <li>APHA Standard Method Burette, Volumetric flask, Pipette, Titration Flask</li> </ul>
Industrial Water	Water testing	Magnesium Hardness (ppm)	<ul style="list-style-type: none"> <li>APHA Standard Method Burette, Volumetric flask, Pipette, Titration Flask</li> </ul>
Industrial Water	Water testing	Chlorides (ppm)	<ul style="list-style-type: none"> <li>IS 3025 (Part 32) Burette, Volumetric flask, Pipette, Titration Flask</li> </ul>

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Industrial Water	Water testing	Determination of pH value	<ul style="list-style-type: none"> <li>IS 3025 (Part 11)</li> </ul> Burette, Volumetric flask, Pipette, Titration Flask
<b>Materials/Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference</b>
Textile Products	Textile Testing	Abrasion Test (Martindale Method)	<ul style="list-style-type: none"> <li>BS EN ISO 12947-2: 2016</li> <li>BS EN ISO 13770: 2002 (Method-1)</li> </ul> Nu-Martindale Abrasion & Pilling Tester
Textile Products	Textile Testing	Pilling Test (Martindale Method)	<ul style="list-style-type: none"> <li>BS EN ISO 12945-2: 2020</li> </ul> Nu-Martindale Abrasion & Pilling Tester, Wash Rite, Tumble Dryer, EMPA Photographic standards, Pilling Assessment Viewer
Textile Products	Textile Testing	Determination of mass per unit length and mass per unit area	ISO 3801:1977
Textile Products	Textile Testing	Determination of mass per unit area using small samples	BS EN 12127:1998
Textile Products	Textile Testing	Determination of dimensional change in washing and drying	ISO 5077: 2007
Textile Products	Textile Testing	Preparation marking and measuring of fabric specimens and garments in tests for determination of dimensional change	BS EN ISO 3759: 2011
Textile Products	Textile Testing	Horizontal wicking of textiles	AATCC TM 198: 2020

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