

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 043</b>
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## **Accreditation No: LAB 043**

### **Awarded to**

**Pakistan Textile Testing Foundation (PTTF), 1<sup>st</sup> Floor, PTEA House, 30/7 Civil Lines, Near State Bank, 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 **11-11-2009** 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 **05-10-2023**.

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**

04-04-2023  
Date

SD  
Director General



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**Testing Laboratory.**

Accreditation Scope of **Pakistan Textile Testing Foundation (PTTF)**, 1<sup>st</sup> Floor, PTEA House, 30/7 Civil Lines, Near State Bank, Faisalabad, Pakistan.

Permanent laboratory premises

<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/Fabrics	Physical Test	Dimensional Change After Wash	BS EN ISO 5077:2008 ISO 5077:2007 BS EN ISO 3758:2012 BS EN ISO 3759:2011 BS EN ISO 6330:2021 ISO 6330:2021
Textile Products/Fabrics	Physical Test	Dimensional Change After Wash	AATCC 135:2018
Textile Products/Fabrics	Physical Test	Dimensional Change After Wash (Garments)	AATCC 150:2018
Textile Products/Fabrics	Physical Test	Skewness / Torque / Twisting	AATCC 179:2019
Textile Products/Fabrics	Physical Test	Colorfastness to Laundering Accelerated	AATCC 61:2013

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Textile Products/Fabrics	Physical Test	Colorfastness to Laundering Accelerated	ISO 105 C10:2006 BS EN ISO 105 C10:2007
Textile Products/Fabrics	Physical Test	Colorfastness to Laundering Accelerated	ISO 105 CO6:2010 BS EN ISO 105 CO6:2010
Textile Products/Fabrics	Physical Test	Colorfastness to Crocking	AATCC 8:2016
Textile Products/Fabrics	Physical Test	Colorfastness to Rubbing	ISO 105 X-12:2016 BS EN ISO 105 X-12:2016
Textile Products/Fabrics	Physical Test	Colorfastness to Light (Xenon Arc)	ISO 105 BO2:2014 BS EN ISO 105 BO2:2014
Textile Products/Fabrics	Physical Test	Colorfastness to Light (Xenon Arc)	AATCC 16.3:2020
Textile Products/Fabrics	Physical Test	Colorfastness to Perspiration	AATCC 15:2021
Textile Products/Fabrics	Physical Test	Colorfastness to Water	ISO 105 EO4:2013 BS EN ISO 105 EO4:2013

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Textile Products/Fabrics	Physical Test	Colorfastness to Water	AATCC 107:2013
Textile Products/Fabrics	Physical Test	Colorfastness to Water	ISO 105 EO1:2013 BS EN ISO 105 EO1:2013
Textile Products/Fabrics	Physical Test	Colorfastness to Chlorinated Water	ISO 105 EO2:2013 BS EN ISO 105 EO2:2013
Textile Products/Fabrics	Physical Test	Colorfastness to Sea Water	AATCC 106:2013
Textile Products/Fabrics	Physical Test	Colorfastness to Sea Water	ISO 105 EO3:2010 BS EN ISO EO3:2010
Textile Products/Fabrics	Physical Test	Colorfastness to Dry Cleaning	ISO 105 DO1:2010 BS EN ISO 105 DO1:2010
Textile Products/Fabrics	Physical Test	Appearance after Wash	AATCC 124:2018
Textile Products/Fabrics	Physical Test	Print Durability	ISO 6330:2021 BS EN ISO 6330:2021 Dura-wash (Twin Tub)

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Textile Products/Fabrics	Physical Test	Phenolic Yellowing	ISO 105 X-18:2007 BS EN ISO X-18:2007 Courtaulds Research
Textile Products/Fabrics	Physical Test	Fabric Count (Ends/Picks)	ISO 7211-2:1984 BS 2862:2017 ASTM D3775:2017 BS EN 1049-2:1994
Textile Products/Fabrics	Physical Test	Yarn Count	ISO 7211-5:2020 BS 2865:1984
Textile Products/Fabrics	Physical Test	Yarn Count (Skein Method)	ASTM D1907-01
Textile Products/Fabrics	Physical Test	Random Tumble Pilling	ASTM D3512/D3512M-16
Textile Products/Fabrics	Physical Test	Martindale Pilling & Abrasion - Color Change - Yarn Rupture - Weight Loss - Pilling, Fuzzing & Matting	BS EN ISO 12947-1:1998 BS EN ISO 12947-2:2016 BS EN ISO 12947-3:1998 BS EN ISO 12947-4:1998 ASTM D4966-22
Textile Products/Fabrics	Physical Test	Martindale Pilling	BS EN ISO 12945-2:2020 ASTM D4970/D4970M-16
Textile Products/Fabrics	Physical Test	Pilling Resistance (ICI Pilling Box)	BS EN ISO 12945-1:2020 ISO 12945-1:2000

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Textile Products/Fabrics	Physical Test	Seam Strength	ISO 13935-2:2014 BS EN ISO 13935-2:2014
Textile Products/Fabrics	Physical Test	Seam Slippage	ISO 13936-1:2004 BS EN ISO 13936-1:2004 BS 3320:2013
Textile Products/Fabrics	Physical Test	Tear Strength (Elmatear)	ASTM D1424-09 (2021)
Textile Products/Fabrics	Physical Test	Tear Strength (Elmatear)	ISO 13937-1:2000 BS EN ISO 13937-1:2000
Textile Products/Fabrics	Physical Test	Tensile Strength	ASTM D5034-09 (2021) ASTM D5035-11 (2019)
Textile Products/Fabrics	Physical Test	Tensile Strength	ISO 13934-1:2013 BS EN ISO 13934-1:2013
Textile Products/Fabrics	Physical Test	Tensile Strength	ISO 13934-2:2014 BS EN ISO 13934-2:2014
Textile Products/Fabrics	Physical Test	Bursting Strength	ISO 13938-1:2019 BS EN ISO 13938-1:2019

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Textile Products/Fabrics	Physical Test	Tear Strength (CRE Machine)	ISO 13937-2:2000 BS EN ISO 13937-2:2000
Textile Products/Fabrics	Physical Test	Tear Strength (CRE Machine)	ISO 13937-3:2000 BS EN ISO 13937-3:2000
Textile Products/Fabrics	Physical Test	Tear Strength (CRE Machine)	ISO 13937-4:2000 BS EN ISO 13937-4:2000
Textile Products/Fabrics	Physical Test	Mass per Unit Area	ASTM D3776/D3776M -09a (2020)
Textile Products/Fabrics	Physical Test	Mass per Unit Area	ISO 3801:1977 BS EN 12127:1998
Textile Products/Fabrics	Chemical Test	PH Value	AATCC 81:2016
Textile Products/Fabrics	Chemical Test	PH Value	ISO 3071:2020 BS EN ISO 3071:2020
Textile Products/Fabrics	Chemical Test	Fibre Analysis	AATCC 20A:2021

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Textile Products/Fabrics	Chemical Test	Fibre Analysis	ISO 1833:2020
Textile Products/Fabrics	Chemical Test	Fibre Analysis	ASTM D629-15
Textile Products/Fabrics	Chemical Test	Formaldehyde (Released Method)	ISO 14184-1:2011 BS EN ISO 14184-1:2011
Textile Products/Fabrics	Chemical Test	Formaldehyde (Free Method)	ISO 14184-2:2011 BS EN ISO 14184-2:2011
Textile Products/Fabrics	Physical Test	Dimensional Change After Commercial Dry Cleaning	ISO 7768:2009 BS ISO 7768:2009

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**Calibration Laboratory.**

Accreditation Scope of ABC Lab. PQR City, XYZ Country.

Permanent laboratory premises

<b>Field of measurement:</b>			
<b>Measured quantity</b>	<b>Range</b>	<b>*Expanded Uncertainty ( ± )</b>	<b>Technique, Reference Standard, Equipment</b>

\* **Expanded Uncertainty:**

- Expanded Uncertainty is the measurement uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of  $k = 2$ . This measurement uncertainty is a value for which the laboratory has been accredited using the procedure that was the subject of assessment. In certificates issued under its accreditation scope an accredited laboratory is not permitted to quote an uncertainty that is smaller than the published uncertainty for respective ranges as given above.

04-04-2023  
Date

Sd  
Director