

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 178
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Accreditation No: LAB 178

Awarded to

KTM Environmental & Leather Testing Laboratory, Khawaja Tannery Pvt. Limited Multan, 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 **23-07-2019** 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 **22-07-2025**.

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

26-01-2023
Date

SD.
Director General

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Testing Laboratory.

Accreditation Scope of KTM Environmental & Leather Testing Laboratory,
 Khawaja Tanneries Pvt. Limited, Nawab Pur Road, Basti Khair Shah,
 Multan

Permanent laboratory premises

Materials/ Product Tested	Testing Field (e.g. Environmental or Mechanical Testing)	Types of Test / Properties Measured	Reference to Standardized Method
Leather	Physical & Mechanical	Tear Strength (Single Edge)	ISO 3377-1:2011 (IULTCS/IUP 40)
Leather	Physical & Mechanical	Tear Strength (Double Edge)	ISO 3377-02:2016 (IULTCS/IUP 8)
Leather	Physical & Mechanical	Sample Preparation & Conditioning	ISO 2419:2012 (IULTCS/IUP 01 & 03)
Leather	Physical & Mechanical	Thickness of Leather	ISO 2589:2016 (IULTCS/IUP 4)
Leather	Physical & Mechanical	Tensile Strength & Percentage Extension	ISO 3376:2020 (IULTCS/IUP 6)
Leather	Physical & Mechanical	Dynamic Water Resistance by Maeser Tester	ISO 5403-2:2011 (IULTCS/IUP 10-2)
Leather	Physical & Mechanical	Determination of Softness	ISO 17235:2015 (IULTCS/IUP 36)
Leather	Physical & Mechanical	Distension & Strength of Surface (Ball Burst Method)	ISO 3379:2015 (IULTCS/IUP 9)
Leather	Colour fastness	Colour Fastness to Perspiration	ISO 11641:2012 (IULTCS/IUP 426)
Leather	Colour fastness	Colour Fastness to Cycles of To and Fro Rubbing	ISO 11640:2018 (IULTCS/IUP 450)
Leather	Colour fastness	Colour Fastness to Croaking	ISO 20433:2012 (IULTCS/IUP 452)

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Leather	Colour fastness	Colour Fastness to Water	ISO 11642:2012 (IULTCS/IUF 421)
Leather	Chemical	Chromic Oxide Content in Leather	ISO 5398-1:2018 (IULTCS/IUC 8:1)
Leather	Chemical	Chromium (VI) Content in Leather	ISO 17075-1 :2017 (IULTCS/IUC 18-1)
Leather	Chemical	pH of Leather	ISO 4045 :2018 (IULTCS/IUC 11)
Leather	Chemical	Preparation of Chemical Test Sample	ISO 4044:2017 (IULTCS/IUC 03)
Leather	Chemical	Determination of Volatile Matter	ISO 4684:2005 (IULTCS/IUC 5)
Water & Wastewater	Environmental	pH	APHA-4500-H+ B
Water & Wastewater	Environmental	Conductivity	APHA-2510 B
Water & Wastewater	Environmental	Total Suspended Solids (TSS)	APHA-2540 D
Water & Wastewater	Environmental	Total Dissolved Solids (TDS)	APHA-2540 C
Water & Wastewater	Environmental	Chloride	APHA- 4500-Cl ⁻ .B ISO 9297:1989
Water & Wastewater	Environmental	Sulphate	APHA-4500-SO ₄ ²⁻ .E HACH Method 8051
Water & Wastewater	Environmental	Chemical Oxygen Demand (COD)	APHA-5220 C APHA-5220 D HACH Method 8000

26-01-2023
Date

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Director