

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 067
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Accreditation No: LAB 067

Awarded to

**SGS Chemical, Environmental & Microbiological Lab. Lahore,
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 **16-12-2013** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2005**.

The accreditation requires regular surveillance, and is valid until **15-12-2019**.

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

10-03-2017
Date

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Director General

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Testing Laboratory.

Accreditation Scope of SGS Chemical, Environmental & Microbiological Lab Lahore, Pakistan.

Permanent laboratory premises Plot # 7, Din Muhammad Town, (Opposite Police Training Institute) 19-Km off Multan Road, Chuhan, Lahore, Pakistan.

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
Potable, waste, surface and process water.	Environmental Testing	pH	Based on APHA 4500-H ⁺ B/ MNTP/2011/SOP-pH/07
	Environmental Testing	Conductivity	Based on APHA 2510 B/ MNTP/2011/SOP-DOC/05
	Environmental Testing	Total Dissolved Solids (TDS)	Based on APHA 2540 C/ MNTP/2011/SOP-TDS/10
	Environmental Testing	Total Suspended Solids (TSS)	Based on APHA 2540 D/ MNTP/2011/SOP-TSS/11
	Environmental Testing	Chemical Oxygen Demand	Based on APHA 5220 D/ MNTP/2011/SOP-COD/04
	Environmental Testing	Biological Oxygen Demand (BOD)	Based on APHA 5210 B/ MNTP/2011/SOP-BOD/02

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Potable, waste, surface and process water.	Environmental Testing	Total Alkalinity as CaCO ₃	Based on APHA 2320 B/ MNTP/2011/SOP-AIW/01
	Environmental Testing	Chloride	Based on APHA 4500 Cl ⁻ B/ MNTP/2011/SOPCIW/03
	Environmental Testing	Sulphate	Based on APHA 4500 C SO ₄ / MNTP/2011/SOP- SuW/08
	Environmental Testing	Total Hardness as CaCO ₃	Based on APHA 2340 B & C/ MNTP/2011/SOP- HIW/09
	Environmental Testing	Calcium Hardness as CaCO ₃	Based on APHA 2340 B & C/ MNTP/2011/SOP- HIW/09
	Environmental Testing	Magnesium Hardness as CaCO ₃	Based on APHA 2340 B & C/ MNTP/2011/SOP- HIW/09
	Environmental Testing	Iron (Fe)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Lead (Pb)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Manganese (Mn)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06

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Potable, waste, surface and process water.	Environmental Testing	Nickel (Ni)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Zinc (Zn)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Chromium (Cr)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Cadmium (Cd)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Copper (Cu)	Based on APHA 3111 B/ MNTP/2011/SOP-MIW/06
	Environmental Testing (Microbiology)	Total Colony Counts	Based on APHA 9215 B/ MNTP/2011/SOP-TPC/08
	Environmental Testing (Microbiology)	Total Coliform	Based on APHA 9222 B/ MNTP/2011/SOP-MFM/05
	Environmental Testing (Microbiology)	Faecal Coliform / E-coli	Based on APHA 9222 D/ MNTP/2011/SOP-MF/06
	Environmental Testing (Microbiology)	Faecal Streptococci/Enterococci	Based on APHA 9230 C/ MNTP/2011/SOP-MF/07

10-03-2017

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Director