

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 10/08/15</b> <b>Rev. No: 07</b> <b>LAB 067</b>
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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 **15-03-2020**.

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**

**20-12-2019**

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 Chung 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 Value	Based On APHA – 4500-H <sup>+</sup> B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-pH/07
	Environmental Testing	Conductivity	Based On APHA-2510, B 22 <sup>nd</sup> Edition / MNTP/2011/SOP-DOC/05
	Environmental Testing	Total Dissolved Solid (TDS)	Based On APHA – 2540C 22 <sup>nd</sup> Edition / MNTP/2011/SOP-TDS/10
	Environmental Testing	Total Suspended Solid (TSS)	Based On APHA – 2540D 22 <sup>nd</sup> Edition / MNTP/2011/SOP-TSS/11
	Environmental Testing	Chemical Oxygen Demand (COD )	Based On APHA – 5220 D 22 <sup>nd</sup> Edition / MNTP/2011/SOP-COD/04
	Environmental Testing	Biochemical Oxygen Demand (BOD)	Based On APHA 5210-D 22 <sup>nd</sup> Edition / MNTP/2011/SOP-BOD/02

**23-04-2018**

Date

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Director



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Potable, waste, surface and process water.	Environmental Testing	Total Alkalinity as CaCO <sub>3</sub>	Based On APHA – 2320B 22 <sup>nd</sup> Edition / MNTP/2011/SOP-AIW/01
	Environmental Testing	Chloride	Based On APHA – 4500 Cl <sup>-</sup> B 22 <sup>nd</sup> Edition / MNTP/2011/SOPCIW/03
	Environmental Testing	Sulphate	Based On APHA –4500 C SO <sup>-4</sup> 22 <sup>nd</sup> Edition / MNTP/2011/SOP-SuW/08
	Environmental Testing	Total Hardness as CaCO <sub>3</sub>	Based On APHA –2340 B & C 22 <sup>nd</sup> Edition / MNTP/2011/SOP-HIW/09
	Environmental Testing	Calcium Hardness as CaCO <sub>3</sub>	Based On APHA –2340 B & C 22 <sup>nd</sup> Edition / MNTP/2011/SOP-HIW/09
	Environmental Testing	Magnesium Hardness, as CaCO <sub>3</sub>	Based On APHA –2340 B & C 22 <sup>nd</sup> Edition / MNTP/2011/SOP-HIW/09
	Environmental Testing	Iron (Fe)	Based On APHA-3111 B 22 <sup>nd</sup> Edition / MNTP/2011/SOP- MIW/06
	Environmental Testing	Lead (Pb)	Based On APHA-3111 B 22 <sup>nd</sup> Edition / MNTP/2011/SOP- MIW/06
	Environmental Testing	Manganese (Mn)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP- MIW/06

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Potable, waste, surface and process water.	Environmental Testing	Nickel (Ni)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Zinc ( Zn)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Chromium ( Cr)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Cadmium (Cd)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Copper (Cu)	Based On APHA-3111 B 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MIW/06
	Environmental Testing	Total Colony Counts	Based On APHA 9215-B 22 <sup>nd</sup> Edition / MNTP/2011/SOP-TPC/08
	Environmental Testing	Total Coli forms	Based On APHA:9222 B 22 <sup>nd</sup> Edition / MNTP/2011/SOP-MFM/05
	Environmental Testing	Faecal Coli forms/ E-Coli	Based On APHA: 9222 D 22 <sup>nd</sup> Edition / MNTP/2011/SOP-MF/06
	Environmental Testing	Faecal Streptococci/Enterococci	Based On APHA: 9230 C 22 <sup>nd</sup> Edition/ MNTP/2011/SOP-MF/07

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Potable, waste, surface and process water.	Environmental Testing	Pseudomonas aeruginosa	Based On APHA-9213 E 22 <sup>nd</sup> Edition/APHA-9225 D (10) 22 <sup>nd</sup> Edition /ISO 16266:200/ MNTP/SOP-MF/23
	Environmental Testing	Legionella	Based On APHA 9260 J 22 <sup>nd</sup> Edition/ MNTP/SOP-LIW/22

**23-04-2018**  
Date

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Director