

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 074</b>
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**Accreditation No: LAB 074**

**Awarded to**

**Global Environmental Lab (Pvt.) Ltd.**

2nd Floor, Aiwan-e-Sanat, ST-4/2, Sector – 23,  
Korangi Industrial Area, Karachi, 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 **18-07-2014** 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 **17-07-2017**.

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**

15-06-2016  
Date

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Director General

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### Testing Laboratory.

Accreditation Scope of Global Environmental Lab., 2nd Floor, Aiwan-e-Sanat, ST-4/2, Sector – 23, Korangi Industrial Area, Karachi, 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
Water / Waste Water	Environmental Testing	(1) Lead (Pb)	APHA 3030E / AAS (APHA 20 <sup>th</sup> Edition 1998)
	- do -	(2) Cadmium (Cd)	APHA 3030E / AAS (APHA 20 <sup>th</sup> Edition 1998)
	- do -	(3) Calcium (Ca)	APHA 3500D / Digital Titrator (APHA 20 <sup>th</sup> Edition 1998)
	- do -	(4) Magnesium (Mg)	APHA 3500E / Digital Titrator (APHA 20 <sup>th</sup> Edition 1998)
	- do -	(5) Total Hardness as CaCO <sub>3</sub>	APHA 2340C / Digital Titrator (APHA 20 <sup>th</sup> Edition 1998)
	- do -	(6) Sulfate (SO <sub>4</sub> )	HACH 8051 / DR 2400 Spectrophotometer. HACH 2002, 4 <sup>th</sup> Edition
	- do -	(7) Fluoride (F)	HACH 8029 / DR 2400 Spectrophotometer. HACH 2002, 4 <sup>th</sup> Edition

15-06-2016  
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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
Water / Waste Water	Environmental Testing	(1) Copper (Cu)	APHA 3030E / AAS (APHA 20 <sup>th</sup> Edition 1998)
	-do-	(2) Iron (Fe)	APHA 3030E / AAS (APHA 20 <sup>th</sup> Edition 1998)
	-do-	(3) Nickel (Ni)	APHA 3030E / AAS (APHA 20 <sup>th</sup> Edition 1998)
	-do-	(4) COD High Range (0-1500 ppm)	HACH 8000 / DR 2400 Spectrophotometer. HACH 2002, 4 <sup>th</sup> Edition
	-do-	(5) COD Low Range (3-150 ppm)	HACH 8000 / DR 2400 Spectrophotometer. HACH 2002, 4 <sup>th</sup> Edition
	-do-	(6) pH (0-14)	pH Meter HI 2211 Hanna Instruments

15-06-2016  
Date

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Director