

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 070
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Accreditation No: LAB 070

Awarded to

Attock Cement Pakistan Ltd. Lab, Lasbela 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 **27-12-2013** 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 **26-03-2020**.

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

16-01-2020

Date

Sd.

Director General

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Testing Laboratory:

Accreditation Scope **Attock Cement Pakistan Ltd. Lab, Lasbela Pakistan**

Permanent Laboratory Premise

X

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Standard specification/ Techniques/equipment used
ORDINARY PORTLAND CEMENT (OPC) & SULPHATE RESISTANT CEMENT (SRC)	Chemical Testing	Insoluble Residue (I.R)	ACPL/QC/SOP/057 based on EN-196-2; 2005 ASTM C-114 PS-232:2008 (R)
	Chemical Testing	Loss On Ignition (L.O.I)	ACPL/QC/SOP/056 based on EN-196-2; 2005 ASTM C-114 PS-232-2008 (R)
	Chemical Testing	Silica Oxide (SiO ₂)	ACPL/QC/SOP/15 based on EN-196-2; 2005 ASTM C-114
	Chemical Testing	Alumina Oxide (Al ₂ O ₃)	
	Chemical Testing	Iron oxide (Fe ₂ O ₃)	
	Chemical Testing	Calcium Oxide (CaO)	
	Chemical Testing	Magnesium Oxide	
	Chemical Testing	Sodium Oxide (Na ₂ O)	
	Chemical Testing	Potassium Oxide	
	Chemical Testing	Sulfur Trioxide (SO ₃)	ACPL/QC/SOP/054 based on EN-196-2; 2005 ASTM C-114 PS-232:2008 (R)
	Chemical Testing	Chloride (Cl)	ACPL/QC/SOP/055 based on EN-196-2; 2005 ASTM C-114
	Chemical Testing	Tricalcium Aluminate (C ₃)	based on PS-232-2008 (R)
	Chemical Testing	Lime Saturation Factor	based on PS-232-2008 (R)

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Director



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Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Standard specification/ Techniques/ equipment used
ORDINARY PORTLAND CEMENT (OPC) & SULPHATE RESISTANT CEMENT (SRC)	Physical Testing	Fineness (Blaine)	ACPL/QC/SOP/027 based on EN-196-6; 1992 ASTM C-204 PS-232:2008 (R)
	Physical Testing	Setting Time (Initial/Final)	ACPL/QC/SOP/019 based on EN-196-3; 2005 ASTM C191 PS-232:2008 (R)
	Physical Testing	Compressive Strength (Mortar Cubes 2.78" X 2.7 8 ")	ACPL/QC/SOP/052 ACPL/QC/SOP/053 based on PS-232:2008 (R) BS-4550, Part-3 Section-3.4
	Physical Testing	Compressive strength (Prism Cube 40 x 40 x 160 mm	ACPL/QC/SOP/024 based on EN-196-1; 2005
	Physical Testing	Expansion- Soundness i). Auto clave	ACPL/QC/SOP/048 based on ASTM C-151 ACPL/QC/SOP/025 EN-196-3; 2005 PS- 232:2008 (R)

16-01-2020

Dated

Sd.

Director