

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid until 14 February 2020
Issued on 15 February 2017



ISO/IEC 17025
TL 070 - 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 070 – 01

Chemical and Mechanical Laboratories of
UltraTech Cement Lanka (Pvt) Ltd
No.81/11/1, New Nuge Road, Peliyagoda

Scope of Accreditation: Performing chemical tests on Cement (Ordinary Portland Cement, Portland Pozzolana Cement) and performing mechanical tests on Cement (Ordinary Portland Cement, Portland Pozzolana Cement and Concrete) as per the Test Methods appearing in this Schedule.

The laboratory is accredited for the following tests.

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (®) %
01	Cement (Ordinary Portland Cement)	Determination of Residue Insoluble	SLS ISO 29581 - 1 : 2011, Clause 09 (UTC/CEM/LAB/04, Clause 4.2 , Issue No 02, Rev. 00)	0.1 - 50%	1
		Determination of Loss on Ignition	SLS ISO 29581 - 1 : 2011, Clause 07 (UTC/CEM/LAB/04, Clause 4.1 , Issue No 02, Rev. 00)	0.1 - 10%	0.4
		Determination of Sulphate	SLS ISO 29581 - 1 : 2011, Clause 08 (UTC/CEM/LAB/04, Clause 4.3 , Issue No 02, Rev. 00)	0.5 - 5%	1.2
		Determination of Chlorides	SLS ISO 29581 - 1 : 2011, Clause 14.1 (UTC/CEM/LAB/04, Clause 4.4 , Issue No 02, Rev. 00)	0.01 - 0.2%	7
02	Cement (Portland Pozzolana Cement)	Determination of Sulphate	SLS ISO 29581 - 1 : 2011, Clause 08 (UTC/CEM/LAB/04, Clause 4.3 , Issue No 02, Rev. 00)	0.5 - 5%	1.2
		Determination of Chlorides	SLS ISO 29581 - 1 : 2011, Clause 14.1 (UTC/CEM/LAB/04, Clause 4.4 , Issue No 02, Rev. 00)	0.01 - 0.2%	7

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (®) %
03	Cement (Ordinary Portland Cement, Portland Pozzolana Cement)	Determination of Initial Setting Time	SLS ISO 9597 : 2011, Clause 6.2 (UTC/CEM/LAB/03, Clause 3.2 , Issue No 02, Rev. 00)	60 - 500min	5
		Soundness Test	SLS ISO 9597 : 2011, Clause 07 (UTC/CEM/LAB/03, Clause 3.3, Issue No 02, Rev. 00)	0.1 - 15mm	3
		Determination Compressive Strength (2 days)	SLS ISO 679:2011 (UTC/CEM/LAB/03, Clause 3.4, Issue No 02, Rev. 00)	10 - 40 N/mm ²	4
		Determination Compressive Strength (28 days)	SLS ISO 679:2011 (UTC/CEM/LAB/03, Clause 3.4, Issue No 02, Rev. 00)	35 – 70 N/mm ²	4
		Standard Consistence Test	SLS ISO 9597 : 2011, Clause 05 (UTC/CEM/LAB/03, Clause 3.1 , Issue No 02, Rev. 00)	20-35	3
04	Concrete	Compressive Strength (Crushing Only)	ISO 1144: Part 2: 1996, Clause 11 (UTC/CON/LAB/03, Section B , Issue No 02, Rev. 00)	10 - 85 N/mm ²	3
		Slump –test	BSEN 12350-Part 2:2009 (UTC/CON/LAB/03, Section A , Issue No 02, Rev. 00)	1 - 300 mm	9
Sampling					
05	Cement (Ordinary Portland Cement)	Sampling	SLS 107:2015 A 2.1 & SLS 1247 : 2015 UTC /CEM/LAB/01 Rev.01, Issue No 02.	-	-
06	Cement (Portland Pozzolana Cement)	Sampling	SLS 1247 : 2015 (UTC /CEM/LAB/01 Rev.01, Issue No 02.)	-	-