



Valid until 26 December 2014
Issued on 27 December 2011



ISO/ IEC: 17025
TL 037-01

Schedule of Accreditation

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

Accreditation Number: TL 037-01

**Innovation and Application Centre
Holcim (Lanka) Limited
873, Danister De Silva Mw,
Colombo 14**

Scope of Accreditation: Performing Mechanical Testing on the product group of Building Materials (Concrete & Aggregates)

The laboratory is accredited for the following tests.

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (±)
1	Fresh Concrete	Air Content	BSEN 12350-7:2009	1.0% - 20.0%	0.2%
2		Slump Test	BSEN 12350-2:2009	5.0mm – 150.0mm	4.1mm
3		Density of Concrete	BSEN 12350-6:2009	500.0 kg/m ³ – 3500.0 kg/m ³	16.6 kg/m ³
4		Temperature of Concrete	ASTM C 1064 – 99	20.0 °C – 60.0 °C	0.5 °C
5		Flow Table Test	BSEN 12350-5:2009	200.0mm – 700.0mm	5.4mm
6		Setting Time of Concrete	ASTM C403M	1.00hr – 36.00hr	2.0 sec
7		Water Bleeding of Concrete	ASTM C232	3.00ml – 750.00ml	1.00 ml

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (±)
8	Hardened Concrete	Compressive Strength of Concrete	BSEN 12390-3:2009	8.70MPa – 79.50MPa	0.2 Mpa
9		Flexural Strength of Concrete	BSEN 12390-5:2009	1.0MPa – 26.0MPa	0.2Mpa
10		Test for Water Permeability	DIN 1048	5.0mm - 200.0mm	1.5mm
11		Non destructive Hammer Test for Concrete	BSEN 12504-2:2001	10.0Mpa – 70.0Mpa	2.0Mpa
12	Aggregate	Sieve Analysis of Aggregate	BSEN 12620:2002 BSEN 932-1:1997	1.5 g – 15 x 10 ³ g	0.5 g
13		Determination of Aggregate Impact Value	BS812:112:1990	1.5 g – 15 x 10 ³ g	0.5 g
14		Determination of Aggregate Crushing Value	BS812:110:1990	1.5 g – 15 x 10 ³ g	0.5 g
15		Specific Gravity	ASTM C127- 88	1.5 g – 15 x 10 ³ g	0.5 g
16		Los Angeles Test	ASTM C131	1.5 g – 15 x 10 ³ g	0.5 g
17		Sand Moisture Test	BS182:109:1990	1.2 % - 10.0 %	0.4%

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment