Valid from 07 April 2024
to 06 April 2028
Issued on 19 June 2024

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

**ISO/ IEC 17025**
**TL 044- 02**

# Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 044-02

## Construction Research Center
## Tokyo Cement Company (Lanka) PLC

No 865, Dr. Danister De Silva Mawatha,
Colombo 09.

**Scope of Accreditation:** Performing Mechanical Testing on Tile Adhesive, Concrete and Aggregates as per BS/BS EN, ISO and In-house Methods appearing in this schedule.

The laboratory is accredited for the following tests as per given in the page 02.

| Sl | Product(s) / Material of test | Specific tests performed | Test Method / Standard against which tests are performed | Range of testing/ Limits of detection |
|---|---|---|---|---|
| 1 | **Aggregate** | Sieve Analysis (Particle Size Distribution) | BS EN 933-1: 2012<br>RDL.Bs.812.103 (Internal) (Based on BS 812-103: 1985) | 0.01 – 100 % |
| | | Specific Gravity & Water Absorption (Particle Density and Water Absorption) | BS EN 1097-6: 2013<br>RDL.BS.812.2 (Internal) (Based on BS 812-2: 1995) | 1 – 5 $Mgm^{-3}$<br>1- 30% |
| | | Flakiness Index (Particle Shape) | BS EN 933-3: 2012<br>RDL.BS.812.105.1 (Internal) (Based on BS 812-105.1: 1989) | 1-50% |
| | | Aggregate Impact Value | BS 812-112: 1990 | 7 – 30% |
| | | Aggregate Crushing Value | BS 812-110: 1990 | 7 – 40% |
| 2 | **Hardened Concrete** | Compressive Strength (Crushing only) | BS EN 12390-3: 2009 | 1.8 – 71.1 $Nmm^{-2}$ |
| | | Density | BS EN 12390-7: 2009 | 500 – 3000 $kgm^{-3}$ |
| | | Water Absorption (without Curling) | BS 1881-122: 2011 | 0.01 – 20.00% |
| 3 | **Tile Adhesive** | Open time Tensile Adhesion Strength | SLS ISO 13007-2: 2019 | 0.04 – 4.0 $Nmm^{-2}$ |
| | | Initial Tensile Adhesion Strength | SLS ISO 13007-2: 2019 | 0.04 – 4.0 $Nmm^{-2}$ |
| | | Tensile Adhesion Strength after Water Immersion | SLS ISO 13007-2: 2019 | 0.04 – 4.0 $Nmm^{-2}$ |
| | | Tensile Adhesion Strength after Heat Aging | SLS ISO 13007-2: 2019 | 0.04 – 4.0 $Nmm^{-2}$ |
| | | Slip | SLS ISO 13007-2: 2019 | 0 – 10 mm |

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment