

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



Valid from 29 April 2026
to 18 March 2029
Issued on 29 April 2026



ISO/ IEC 17025
TL 103-01

Schedule of Accreditation

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

Accreditation Number: TL 103-01

Central Engineering Consultancy Bureau, Laboratory Services

No: 11, Jawatta Road, Colombo 05,

Scope of Accreditation: Performing mechanical testing on soil as per the test methods appearing in this schedule.

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
Mechanical Testing				
Light weigh compaction test				
1	Soil	1. Maximum dry density	BS1377:Part4:1990: Clause 3.3 and 3.4 (Determination of dry density/ moisture content relationship: Method using 2.5 kg rammer)	1 - 2.50 Mg/m ³
2		2. Optimum moisture content		2 - 50 %
Triaxial Test				
3	Soil	1. Undrained Shear strength	BS1377:Part7:1990: Clause 8 (Determination of the undrained shear strength in triaxial compression without measurement of pore pressure)	0 – 400 kPa
Consolidation test				
4	Soil	1. Pre consolidation pressure	ASTM D2435/D2435M – 11 (Standard test method for One-dimensional consolidation properties of soils using incremental loading – Method A	0 - 500 kPa
5		2. Compression Index		0 - 5
Direct shear test				
6	Soil	1. Friction angle	BS1377:Part7:1990: Clause 4	20 to <50 ⁰
7		2. Cohesion		0 - 400 kPa

Acting Director / CEO
Sri Lanka Accreditation Board for Conformity Assessment

