



Valid from 14 February 2023
to 06 April 2024
Issued on 14 February 2023

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



ISO/ IEC 17025
TL 064-03

Schedule of Accreditation

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

Accreditation Number: TL 064-03

Geotechnical Engineering Division National Building Research Organization

No: 99/1, Jawatta Road
Colombo 05

Scope of Accreditation: Performing Geo-Mechanical testing on Soil as per BS methods

The laboratory is accredited for the following tests.

SI No.	Product(s) / Materials of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
01	Soil	Light weight compaction test	BS 1377: Part 4: 1990: Clause 3.3 and 3.4 (Determination of dry density / moisture content relationship: Method using 2.5 kg rammer)	1 – 2.5 mg/m ³ 1 – 50 %
		1. Maximum dry density		
		2. Optimum moisture content		
02	Soil	Heavy weight compaction test	BS 1377: Part 4: 1990: Clause 3.5 and 3.6 (Determination of dry density / moisture content relationship: Method using 4.5 kg rammer)	1 – 2.5 mg/m ³ 1 – 50 %
		1. Maximum dry density		
		2. Optimum moisture content		
03	Soil	Natural Moisture content	BS 1377: Part 2: Clause 3.2 (Determination of moisture content: Oven dry method)	0 – 600%
04	Soil	Particle size distribution (Wet sieving)	BS 1377: Part 2: Clause 9.2 (Determination of particle size distribution: Wet sieving method)	63 μm – 37.5 mm
05	Soil	California Bearing Ration (CBR)	BS 1377: Part 4: Clause 7 (Determination of the California Bearing Ration (CBR))	1 - 200

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment