

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



Valid from 05 July 2017
to 04 July 2020
Issued on 05 July 2017



ISO/ IEC 17025
TL 072 - 01

Schedule of Accreditation

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

Accreditation Number: TL 072-01

Sunpower Constructions (Pvt) Ltd. Laboratory Dharmapala Mawatha Ampara

Scope of Accreditation: Performing Mechanical Testing on Aggregate, Soil & Concrete based on BS, BS EN and AASHTO methods.

The laboratory is accredited for the tests as given below:

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Aggregate	Aggregate Impact Value	BS 812: Part II: 1990	10 - 14 mm
		Aggregate Crushing Value	BS 812 - 110: 1990	10 - 14 mm
		Particle size - Coarse aggregate	BS EN 933 - 1: 2012	5 - 20 mm
		Particle size - Fine aggregate	BS EN 933 - 1 : 2012	0.063 - 5 mm
		Flakiness index	BS 812 - 105: 1: 1989	5 - 20 mm
02	Soil	Plasticity limit and plasticity index	AASHTO: Y90 - 00 (2004)	0 - 425 μm
		Dry density moisture content relationship	BS 1377 - 4 : 1990	0 - 20 mm
		Particle size distribution	BS 1377 - 2 : 1990	0.063 - 37.5 mm
		California Bearing Ratio	AASHTO : T193 - 99 (2003)	0 - 20 mm
03	Concrete cube	Compressive Strength	BS EN 12390 - 3 : 2009	10 - 60 N/mm ²