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

Valid from 25 May 2022
to 13 October 2023
Issued on 25 May 2022

ISO/ IEC 17025
TL 003-03

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 003-03

Textile Laboratory
SGS Lanka (Pvt) Limited
No 141/7, Vauxhall Street
Colombo 02

Scope of Accreditation: Performing Chemical Testing on textile, leather, polymeric, liquid powder materials, fabric, plastic and paint and Mechanical Testing on Fabrics, Garments, Accessories

The laboratory is accredited for the tests appear from page 02 to 03;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method /Standard against which tests are performed	Range of testing/ Limits of detection
Chemical Testing				
01	**Textile, leather, polymeric, liquid and powder materials**	SCCP	RSTS-CHEM-209-1 SCCP_MCCP (Issue No 04) with reference to ISO 18219: 2015, USEPA Method 8082A CADS SCCP method v8:2017	50-50000 mg/kg
		MCCP		
02	**Fabric, Plastic, Paint, Leather, Liquid and powder materials**	Styrene	RSTS-CHEM-220-2 with reference with AFRIM RSL 2021v6.0	0.5-1000 mg/kg
03	**Plastic**	Vinyl Chloride Monomer	RSTS-CHEM-211-1 with reference to AFIRM RSL 2021v6.0, EN ISO 6401:2008, ASTM D 3749-95	(0.1-50 mg/kg
04	**Textile and leather**	MePFOA	RSTS-CHEM-219-2 with reference to AFIRM RSL 2021v6.0	(0.01-10) mg/kg
		EtPFOA		
		8:2FTA		0.002 at 0.012mg/kg
		8:2FTOH		0.002 at 0.011mg/kg
		8:2FTMA		0.001 at 0.009 mg/kg
05	**Textile, Plastic, Leather and Liquid samples.**	Brominated Flame Retardant Mono-Deca Brominated diphenyl ether/(mono-deca)_BDE	RSTS-CHEM-216-1 with reference to ISO 17881-1:2016,	5-5000 mg/kg
		HBCDD		
06	**Textile, Footwear and Chemical formulation.**	Quinoline	RSTS-CHEM-267-1 with reference to DIN 54231:2005	10-1000 mg/kg
07	**leather**	Formaldehyde content	RSTS-CHEM-103-3 with reference to ISO 17226-1:2021	5-600 mg/kg
08	**Plastic**	BPA	RSTS-CHEM-239-3 with reference to AFIRM RSL 2021v6.0	0.1-200 mg/kg
		BPS		
		BPF		
		BPAF		
09	**Garments / Fabrics**	Colorfastness to Ozone under low Humidity	AATCC TM109-2011(2016)e	Qualitative

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Mechanical Testing				
10	**Fabrics and Garments**	Drying rate of fabrics: Heated plate method	AATCC 201-2013 (R2014)	0.1-100 mL/hr.
		Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics	AATCC TM183-2020	0-100%
		Air Permeability of Textile Fabrics	ASTM D 737:2018	0-1300 cfm
		Snagging Resistance of Fabrics (Bean Bag)	ASTM D 5362:2016 (R 2018)	Grade 1to 5
		Test Method for Water Resistance: Hydrostatic Pressure	AATCC TM127-2017(2018) e:2019	Qualitative
		Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)	ASTM D 4157:2013 (R2017)	Grade 1-5
		Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad	ASTM D 3514 / D 3514M - 2016(R2020)	Grade 1-5
11	**Accessories / Garments**	Impact Resistance of Plastic	ASTM D5171 :2015 (R2020)	Qualitative

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment