

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



Valid from 11 July 2018  
to 12 January 2019  
Issued on 11 July 2018



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 Allergeneous and Carcinogenic dyestuff in textile material, Organotin content in textile and plastic materials, Color fastness and Mechanical Testing on Fabrics.

The laboratory is accredited for the tests appear from page 02 to 04;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Location
<b>Chemical Testing</b>					
01	Fabrics	Color fastness to chlorinated pool water	AATCC 162:2011	R:1-5 Grade	Laboratory
		Color fastness to rubbing	EN ISO X12:2016		
		Color fastness to hot pressing	DIN EN ISO 105-X11:1996-10 EN ISO 105-X11:1996		
		Color fastness to domestic and commercial laundering	EN ISO-105-C06:2010		
			DIN EN ISO-105-C10:2007-06		
		Color fastness to domestic and commercial laundering using a non- phosphate reference detergent incorporating a low temperature bleach activator	EN ISO 105 - C08:2010		
		Color fastness to powdered non-chlorine bleach in home laundering	AATCC 172:2016		
		Color fastness to ozone	BS EN ISO G03:1997 DIN EN ISO G03:1997 EN ISO G03:1997		
		Color fastness to light of textile wetted with artificial perspiration	DIN EN ISO 105 B07:2009-10		
		Color fastness to sea water	EN ISO 105 E02:2013	Visual Qualitative	
		Color fastness to dry heat (excluding pressing)	BS EN ISO 105 P01:1995 DIN EN ISO 105 P01:1995-04 EN ISO 105 P01:1995		
		Color fastness to chlorinated water	EN ISO 105 E03:2010		
		Color fastness to burn gas fumes	DIN EN ISO 105 G02:1997-07 EN ISO 105 G02:1997		
		Determination of pH of aqueous extract	EN ISO 3071:2006-03		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Location
	Fabrics	Assessment of the potential to phenolic yellowing of materials	DIN EN ISO-105-X18:2007-12 EN ISO 105 X18:2007	Visual Qualitative	Laboratory
		Determination of formaldehyde-free and hydrolyzed formaldehyde (water extraction method)	EN ISO 14184-1:2011	20-600 mg/kg	
02	Fabric/Garment	Color fastness to chlorinated pool water	AATCC 162:2011	R:1-5 Grade	
03	Phthalate in childcare items and toys	Diundecyls Phthalate (DDP)	RSTS-HL-201- 4 (CPSC-CH-C1001-09.3)	0.3 to 10.00 mg/L	
		1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3 % of dihexyl phthalate (EC No. 201-559-5)	RSTS-HL-201-4 (CPSC-CH-C1001-09.3)		
04	Allergeneous and Carcinogenic dyestuff in Textile Material	Disperse Red 151	RSTS-SL-202-1 (BASED ON DIN 54231:2005)	0.4mg/L-1.0 mg/L	
		Disperse Yellow 7			
		Disperse yellow 56			
		Basic green 4			
		Michlers Base			
		Disperse Red 151	RSTS-CHEM-202-3 (BASED ON DIN 54231:2005)		
		Disperse Yellow 7			
		Disperse yellow 56			
		Basic green 4			
		Disperse Red 151	RSTS-CHEM-202-2 (ISO 16373-2:2014)		
		Disperse Yellow 7			
		Disperse yellow 56			
		Basic green 4			
		Disperse Red 151	RSTS-CHEM-202-3 (ISO 16373-3:2014)		
Disperse Yellow 7					
Disperse yellow 56					
Basic green 4					
		Disperse Yellow 7			

SI NO	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Location
05	Organotin content in textile and plastic materials	Methyltin (MMT)	RSTS-SL-205-01 (BASED ON BS ISO 17353:2004 DIN 38407:13:2001)	0.02 mg/L - 5 mg/L	Laboratory
		Dimethyltin (DMT)			
		Trimethyltin (TMT)			
		Tetraethyltin(TeET)			
06	PAHs	Benzo(e)pyrene Benzo(j)fluoranthene	RSTS-CHEM-232-1	0.03-3 ppm	
<b>Mechanical Testing</b>					
07	Fabrics	Vertical wicking of Textile	AATCC 197:2013	1 mm to 150 mm 10 s to 30 min	Laboratory
		Determination of the abrasion resistance of fabrics by the Martindale method	ISO 12947-2:2016 DIN EN ISO 12947-1/3:2007 DIN EN ISO 12947-2:2017-03 DIN EN ISO 12947-2:2006 EN ISO 12947-1:1998 EN ISO 12947-2:2016 EN ISO 12947-3/4:2007	(a) Up to 99999 cycles (b) Color change Grade 1 to 5 (Qualitative)	
		Determination of fabric propensity to surface pilling, fuzzing or matting –Random tumble pilling	ISO 12945-3:2014 BS EN ISO 12945-3:2014 DIN EN ISO 12945-3:2014-10 EN ISO 12945-3:2014	1-5 Grade	
		Determination of fabric propensity to surface fuzzing and to pilling – Part 1:Pilling Box method	ISO 12945-1:2000 EN ISO 12945-1:2000	Qualitative	
		Determination of fabric propensity to surface fuzzing and to pilling – Part 2: Modified Martindale method	EN ISO 12945-2:2000 DIN EN ISO 12945-2:2001-1		