



## Federation for Development of Accreditation Services

### **CERTIFICATE OF ACCREDITATION** **(AS PER ISO/IEC 17025:2017)**

This is to attest that

#### **M/s "PCI TEX CALIBRATION AND TESTING CENTRE"**

Plot No. EL-130, T.T.C. Industrial Area, Electronics Zone, MIDC, Mahape,  
Navi Mumbai (Maharashtra) -400 710, India

#### **Calibration Laboratory**

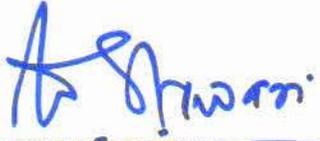
has demonstrated compliance with ISO/IEC Standard 17025:2017, General requirements for the competence of testing and calibration laboratories, and supplementary criteria for calibration laboratories.

**Certificate Number:** CL-106

**Issue Date:** 07/12/2022

**Valid Until:** 06/12/2024

The certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard and the relevant requirements of FDAS (scope of accreditation also displayed at [www.fdasindia.org](http://www.fdasindia.org)).

  
DEVI SARAN TEWARI  
Director



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## SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017  
Certificate Number CL-106 Page No.: 1/4  
Validity 07/12/2022 to 06/12/2024 Last Amended on .....

### ELECTROTECHNICAL/MECHANICAL /THERMAL CALIBRATION

#### Calibration at Site

S. No.	Parameter	Standard(S), BIS, ISO, ASTM, Regulators, etc.	Range	Uncertainty in Measurement ( $\pm$ )
1.	<b>Crockmeter / Crocking Tester</b>			
	Mass	ISO 105 X 12, AATCC 8 and PCITEXCAL/SOP/ 01	100 g -1100 g	0.71 g
	Linear Dimension		5 mm-110 mm (stroke length)	0.64 mm
			5 mm-20 mm (diameter)	0.16 mm
Stroke Speed	1 SPS -12 SPS		0.02 SPS	
2.	<b>Martindale Abrasion and Pilling Tester</b>			
	Lissajous figure's Dimensions	ISO 12947- ISO 12945-2, ASTM D 4966 ASTM D 4970 and PCITEXCAL/SOP/02	1 mm – 65 mm	0.13 mm
	Mass		100g to 250g	0.20 g
			251g to 3000g	0.84 g
	Linear Dimension		0.5 mm to 10 mm	0.04 mm
11 mm to 130mm			0.30 mm	
Rotational Speed	10 RPM-60 RPM	0.64 RPM		
3.	<b>Perspirometer/Perspiration Tester</b>			
	Mass	AATCC 15, ISO E01, ISO 105 EO4 and PCITEXCAL/SOP/06	100g-5500g	0.1 g
Linear Dimension (of sample plates)	0 mm – 120 mm		0.03 mm	
4.	<b>Box Pilling Tester</b>			
	Linear Dimension	ISO 12945-1 and PCITEXCAL/SOP/07	2mm-300mm	0.50 mm
	Rotational Speed		10 RPM- 70 RPM	0.63 RPM

*Jitendra Parmar*  
Dealing Officer



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### ELECTROTECHNICAL /MECHANICAL /THERMAL CALIBRATION

#### Calibration at Site

S. No.	Parameter	Standard(S), BIS, ISO, ASTM, Regulators, etc.	Range	Uncertainty in Measurement ( $\pm$ )
5.	<b>Random Tumble Pilling Tester</b>			
	Linear Dimension	BS EN 12945-1, 3 and PCITEXCAL/SOP/08	5mm-200mm	1 mm
	Rotational Speed		10 RPM-5000 RPM	2.20 RPM
	Time		1 s. – 3600 s.	0.20 s
Pressure	0 PSI – 15 PSI		0.10 PSI	
6.	<b>Launderometer / Washing Fastness Tester</b>			
	Linear Dimension	ISO 105 C06, AATCC 61 and PCITEXCAL/SOP/09	60mm-200mm	0.50 mm
	Rotational Speed		30 RPM-60 RPM	1.95 RPM
	Time		30 s – 6000 s	0.49 sec
Temperature	28 <sup>0</sup> C -100 <sup>0</sup> C		1.18 <sup>0</sup> C	
7.	<b>Wascator/Front Loading Washer or washing machine</b>			
	Linear Dimension	ISO 6330 and PCITEXCAL/SOP/10	50 mm to 250 mm	1.80 mm
	Temperature		25 <sup>0</sup> C - 95 <sup>0</sup> C	1.16 <sup>0</sup> C
	Rotational Speed		45 RPM- 1000 RPM	2.95 RPM
	Time		1 to 30 s	0.51 s
Weighing balance	0.1 kg – 10kg		0.10 kg	
8.	<b>Washer/Top Loading Washing Machine</b>			
	Volume	AATCC 88 B, 88 C, 124, 130, 135, 142, 143, 150, 172, 179, AATCC Monograph M6, AATCC LP1 and PCITEXCAL/SOP/11	10 ltrs – 100 liters	1.01 ltr
	Temperature		10 <sup>0</sup> C - 90 <sup>0</sup> C	1.43 <sup>0</sup> C
	Time		60 s - 1200 s	2.29 s
	Agitation Speed		10 RPM – 200 RPM	2.95 RPM
Spin Speed	300 RPM – 800 RPM		2.95 RPM	

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### ELECTROTECHNICAL /MECHANICAL /THERMAL CALIBRATION

#### Calibration at Site

S. No.	Parameter	Standard(S), BIS, ISO, ASTM, Regulators, etc.	Range	Uncertainty in Measurement ( $\pm$ )
9.	<b>ISO Tumble Dryer</b>			
	Linear Dimension (Drum)	ISO 6330 and PCITEXCAL/SOP/03	500 mm-700 mm	1.96 mm
	Temperature		25 °C - 90 °C	0.60 °C
	Time		1min. – 15 min.	0.02 min.
10.	<b>Ovens/Incubators</b>			
	Temperature	ISO 105 E01, AATCC 15 and PCITEXCAL/SOP/05	25 °C - 42 °C	0.34 °C
11.	<b>Sample Cutter</b>			
	Linear Dimensions	ASTM D 3776/2646, ISO 3801, BS 3424/2471, BS EN 12127, ASTM D 4966, ISO 17076-2, ISO 17704, ISO 12947, ISO 12945-2, ASTM D 4970, ISO 20344, ISO 26082-1, ISO 5470-2 and PCITEXCAL/SOP/04	30 mm to 150 mm	0.10 mm
12.	<b>Flammability Tester</b>			
	Time	ASTM D 1230, CFR 16 1610, and PCITEXCAL/SOP/12	0.5 s – 40 s	0.10 s
	Angle		30 °- 50 °	0.84 °
	Linear Dimension		5mm-20mm	0.03 mm
			100mm – 400mm	1.90 mm
Mass	10 g to 50 g		0.04 g	

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### ELECTROTECHNICAL /MECHANICAL /THERMAL CALIBRATION

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S. No.	Parameter	Standard(S), BIS, ISO, ASTM, Regulators, etc.	Range	Uncertainty in Measurement ( $\pm$ )
13.	<b>Pneumatic Bursting Tester</b>			
	Time	ASTM D 3786:2018, ISO 13938-1:1999, ISO 13938-2:1999 and PCITEXCAL/SOP/ 15	1 s – 30 s	0.14 s.
	Linear Dimension (Distension)		0 mm to 30 mm	0.12mm
			40 mm to 80 mm	0.28 mm
	Linear Dimension (Diameter)		25 mm to 115 mm	0.05 mm
Pressure	100 kPa – 1600 kPa	1.84 kPa		
14.	<b>Hydraulic Bursting Tester</b>			
	Time	ASTM D 3786:2018, ISO 13938-1:1999, ISO 13938-2:1999 and PCITEXCAL/SOP/ 16	15 s – 25 s	0.14 s
	Distension		0 mm to 70 mm	0.10 mm
	Linear Dimension (Diameter)		25 mm to 115 mm	0.06 mm
	Pressure		100 kPa – 7000 kPa	1.11 kPa
15.	<b>Elmendorf Tear Strength Tester</b>			
	Mass	ISO 13937-1, ASTM 1424 and PCITEXCAL/SOP/14	400 g to 7500 g	0.49g
	Linear Dimension		2 mm – 110 mm	0.07 mm
16.	<b>AATCC Dryer</b>			
	Temperature	AATCC 88 B, 88 C, 124, 130, 135, 142, 143, 150, 172, 179 and PCITEXCAL/SOP/17	30 °C – 80 °C	0.60° C
Time	10 s. to 600 s.		1.14 s	

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