



NABL

National Accreditation Board for Testing and Calibration Laboratories

(An Autonomous Body under Department of Science & Technology, Govt. of India)

CERTIFICATE OF ACCREDITATION

LABORATORY-1, S.P. APPARELS LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

39-A, Extension Street, Kaikattipudur, Avinashi, Tirupur, Tamil Nadu

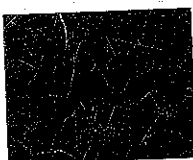
in the discipline of

MECHANICAL TESTING

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Certificate Number T-0724

Issue Date 26/07/2015



Valid Until 25/07/2017

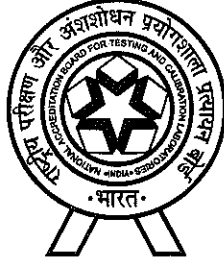
This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

N. Venkateswaran
Program Manager

Anil Relia
Director

Prof. Ashutosh Sharma
Chairman



रा.प्र.प्र.बो.

राष्ट्रीय परीक्षण और अंशशोधन प्रयोगशाला प्रत्यायन बोर्ड

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्तशासी निकाय)

प्रत्यायन प्रमाण-पत्र

लेबोरेटरी-1, एस. पी. एपेरेल्स लि.

का मूल्यांकन और प्रत्यायन निम्न मानक के अनुसार

आई.एस.ओ./आई.ई.सी. 17025:2005

“परीक्षण एवं अंशशोधन प्रयोगशालाओं की सक्षमता की सामान्य अपेक्षाएँ”

तिरुपुर, तमिलनाडु

में स्थित इसकी सुविधाओं के लिए

यांत्रिक परीक्षण

के विषय क्षेत्र में किया गया।

(इस प्रयोगशाला के प्रत्यायन के विषय क्षेत्र की जानकारी एन ए बी एल वेबसाइट www.nabl-india.org से भी प्राप्त कर सकते हैं)

प्रमाण-पत्र संख्या प-0724

जारी करने की तिथि 26/07/2015



वैधता की तिथि 25/07/2017

यह प्रमाण-पत्र उपर्युक्त मानक तथा राष्ट्रीय परीक्षण और अंशशोधन प्रयोगशाला प्रत्यायन बोर्ड की अतिरिक्त अपेक्षाओं का निरंतर संतोषप्रद अनुपालन किए जाने पर अनुबंध में निर्दिष्टानुसार प्रत्यायन के क्षेत्र के लिए वैध रहेगा।

रा.प्र.प्र.बो. की ओर से हस्ताक्षरित

एन. वेंकटेश्वरन

एन. वेंकटेश्वरन
कार्यक्रम प्रबन्धक

अनिल रेलिया

अनिल रेलिया
निदेशक

आशुतोष शर्मा

प्रो. आशुतोष शर्मा
अध्यक्ष



NABL

SCOPE OF ACCREDITATION

Laboratory	Laboratory-1, S.P. Apparels Ltd., 39-A, Extension Street, Kaikattipudur, Avinashi, Tirupur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	26.07.2015
Certificate Number	T-0724	Valid Until	25.07.2017
Last Amended on	31.07.2015	Page	1 of 2

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. TEXTILE MATERIALS				
1.	Textiles - Yarn	Linear Density of Yarn	ISO 2060: 1994 Option 1 & 4 ASTM D 1907-12 Option 1 & 4	5 Tex to 120 Tex (5 Ne to 120 Ne)
		Breaking Strength of Yarn	ISO 6939: 1988	20 kgf to 300 kgf (20 N to 3000 N)
		Twist in Yarn	IS 832 -2: 2011 ASTM D 1422-99 (RA 2008)	4/ cm to 16/ cm (10 to 40) /inch
		Grading Spun Yarns for Appearance	ASTM D 2255-09	A to D
2.	Fabric/Accessories/ Garment/Made ups	Threads per Unit Length – Woven fabrics	IS 1963: 1981 ASTM D 3775: 2008	(10 to 60)/cm (25 to 150)/inch
		Threads per Unit Length – Knitted Fabrics	ASTM D 3887: 96 (RA 2008)	(10 to 60)/cm (25 to 150)/inch
		Weight per Square Meter (GSM)	BSEN 12127: 1998 Method 5 ASTM D 3776-09A (RA 2013)	50 g/m ² to 500 g/m ²
		Surface Fuzzing & Pilling	BSEN ISO 12945-1: 2001	Qualitative (Grade 1 to 5)
		Attachment Strength	BSEN 71-1: 2005 BS 7907: 2007	2 kgf to 30 kgf (20 N to 300 N)
		Bursting Strength	ASTM D 3786: 2013	15 kPa to 1400 kPa (2 Psi to 200 Psi)

Rahul Jain
Convenor

N. Venkateswaran
Program Manager



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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fabric/Accessories/ Garment/Made ups	Resistant to Slippage of Yarns in Woven Fabrics	ASTM D 434 - 95	5 kgf to 25 kgf (10 lbf to 50 lbf)
		Slippage Resistance of Yarn at a Seam in Woven Fabrics	ISO 13936 - 1: 2004	20 N to 500 N
		Seam Tensile Properties of Fabrics	ISO 13935-1: 2014 ISO 13935-2: 2014	20 N to 500 N
		Tearing Strength of fabrics by the Tongue Procedure	ASTM D 2261-13 ISO 13937-2: 2000	20 N to 500 N (4 lbf to 100 lbf)
		Maximum Force & elongation at Maximum Force using Strip Method	ISO 13934 - 1: 2013 ASTM D 5035-11	20 N to 3000 N (4 lbf to 100 lbf)
		Maximum Force & Elongation at Maximum Force using Grab Method	ISO 13934-2: 2014 ASTM D 5034-09	20 N to 3000 N (4 lbf to 135 lbf)
		Yarn number based on Short Length Specimens	ASTM D 1059-01	5 Tex to 120 Tex (5 Ne to 120 Ne)
		Width of Textile Fabrics	ASTM D 3774: 2012 Option B	2 cm to 250 cm
		Bow & Skew in Woven and Knitted Fabrics	ASTM D 3882: 2012	1 % to 30 %

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