

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



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

This is to attest that

ANNRAY TESTING AND CERTIFICATION INDIA PVT LTD.

4/44, T.S.R. Layout, 4th Street, Om Sakthi Kovil Main Road,
Tirupur (Tamil Nadu) -641607

Testing Laboratory

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

Certificate Number: TL-120


Issue Date: 08.03.2024

Valid Until: 07.03.2026

***Amended On:** 07.08.2024

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. (for scope of accreditation visit website www.fdasindia.org).

***This amended certificate is due to a change in the location of the Lab.**


DEVI SARAN TEWARI
Director

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SCOPE OF ACCREDITATION

(Annexure to Certificate of TL - 120)

Laboratory Name: M/s Annray Testing and Certification India Pvt Ltd.
4/44, T.S.R. Layout, 4th Street, Om Sakthi Kovil Main Road,
Tirupur (Tamil Nadu) -641607

Validity: 08.03.2024 to 07.03.2026 *Amended on 07.01.2025

S.No.	Material/Products	Component /Parameter/ Characteristic Tested	Test Method	Equipment Used
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Chemical Testing (Laboratory Based)

Group : Textile / Wool				
1	Textiles (Fibre, Yarn, Fabric, Made-ups, garments)	Absorbency of Textiles	AATCC TM 79-2018	-----
		Colorfastness to Domestic and Commercial Laundering	ISO 105- C06:2010 AATCC TM 61-2020	
		Colorfastness to Drycleaning Using Perchloroethylene Solvent	ISO 105-D01: 2010	
		Colorfastness to Perspiration	GB/T 3922- 2013 ISO 105- E04:2013 AATCC TM 15-2021	
		Colorfastness to Phenolic Yellowing	ISO 105-X18: 2007	
		Colorfastness to Rubbing	GB/T 3920- 2008 ISO 105- X12:2016 AATCC TM 8-2016	
		Colorfastness to Saliva	GB/T 18886-2019 DIN V 53160-1 & 2- 2010	
		Colorfastness to Sea Water	ISO 105- E02: 2013	
		Colorfastness to Water	ISO 105- E01:2013 GB/T 5713-2013 AATCC TM 107-2022	
		Dimensional Stability to Washing	ISO 3759: 2011 ISO 5077: 2008 ISO 6330: 2021	

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Chemical Testing (Laboratory Based)

		Dimensional Changes after Home Laundering	AATCC TM 135-2018 AATCC TM 150-2018	----
		Fiber Content Analysis	AATCC 20-2021 AATCC 20A-2021	
		pH in Textile	BS EN ISO 3071: 2020 AATCC TM 81-2022	
		Spirality After Laundering - Woven and Knitted Fabrics	ISO 16322- 2:2021 AATCC TM 179-2023	
		Spirality After Laundering - Woven and Knitted Garments	ISO 16322- 3:2021 AATCC TM 179-2023	
		Determination of Free and Hydrolyzed Formaldehyde	ISO 14184-Part 1: 2011	
2.	Apparel and Textiles	Colorfastness to Light Xenon-Arc	AATCC TM 16.3 (OPTION 3):2020	-----
		Colorfastness to bleaching: Hypochlorite	ISO 105 N01: 1993 AATCC/ASTM TS -001	
		Colorfastness to Non - Chlorine bleach (Spot)	ISO 105 C09: 1993 AATCC/ASTM TM -001	
		Colorfastness to Non - Chlorine bleach (Soaking)	AATCC/ASTM TM -001	
		Total Lead Content in Paint and other similar Surface Coating	CPSC 16 CFR 1303 CPSC-CH-E1003-09.1: 2011	
		Total Lead in Children's Metal Products	CPSIA CPSC-CH-E1001-08.3:2012	
		Total Lead in Non-Metal	CPSIA - CPSC-CH-E1002-08.3	-----
		Total Cadmium in metal	EPA 3050B ASTM F963-23	
		Total Cadmium in plastic	EN 1122:2001	

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Chemical Testing (Laboratory Based)

		Formaldehyde spot test (Qualitative)	AATCC-94:2020	
		Formaldehyde Content	JIS L1041:2011	
		Phthalates		
		Dibutyl Phthalate-DBP		
		Di isobutyl phthalate-DIBP		
		Di-n-pentyl phthalate-DPENP		
		Di-n-hexyl phthalate -DNHP		
		Di cyclohexyl phthalate- DCHP		
		Di(2-ethylhexyl) phthalate- DEHP		
		Benzyl Butyl Phthalate-BBP		
		Diisononyl Phthalate-DINP		
		Nickel spot test (Miscellaneous Products /Metal Accessories)	PD CR 12471:2022	
		PVC(Qualitative)	Beilstein method	
3	Textile Products (Footwear, Jackets, Gloves, Bags & Accessories, Others)	Colorfastness to Crocking	SATRA TM167: 2017	---
		Colorfastness to Rubbing (Veslic)	SATRA TM 173: 2021	
		Colorfastness to Rubbing (Circular)	ISO 17700 - Method B: 2019 SATRA TM 08: 2022	
		Colorfastness to Light	ISO 105 - B02: 2013 SATRA TM 160: 1992	
		Colorfastness to Perspiration	SATRA TM 335: 2018	
		Colorfastness to Water	SATRA TM 335: 2018	

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Chemical Testing (Laboratory Based)

		Colorfastness to Water Spotting	SATRA TM 185: 2021	----
		Total Lead Content	BS EN 16711-1:2015	
		Total Cadmium Content	BS EN 16711-1:2015	

Group: Leathers

1	Leather (Footwear, Jackets, Gloves, Bags & Accessories, Others)	Colorfastness to Crocking	ASTM D5053: 2023 SATRA TM167: 2017	---
		Colorfastness to Rubbing (Veslic)	ISO 11640: 2018 SATRA TM 173: 2021	
		Colorfastness to Rubbing (Circular)	ISO 17700 - Method B: 2019 SATRA TM 08: 2022	
		Colorfastness to Light	ISO 105 - B02: 2013 SATRA TM 160: 1992	
		Colorfastness to Perspiration	ISO 11641: 2012 SATRA TM 335: 2018	
		Colorfastness to Water	ISO 11642: 2012 SATRA TM 335: 2018	
		Colorfastness to Water Spotting	BS EN ISO 15700: 1999 SATRA TM 185: 2021	
		Colorfastness to Pvc Migration	BS EN ISO 15701: 2015	

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Chemical Testing (Laboratory Based)

		Determination of Ph	ISO 4045:2018	
		Formaldehyde Content	ISO 17226-2:2019	
		Total Lead Content	ISO 17072-2:2022	
		Total Cadmium Content	ISO 17072-2:2022	

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Mechanical Testing (Laboratory Based)

Group : Textiles/Fabric/Wool /Yarn				
1	Textiles (Fibre, Yarn, Fabric, Made-ups, garments)	Weight of Fabric	ASTM D3776/D3776M-2020 ISO 3801: 1997 BS EN 12127: 1997	----
		Yarn Size	ASTM D1059-2017	
		Wale and Course Count of Weft Knitted Fabrics	ASTM D8007-2019	
		End (Warp) and Pick(Filling) Count of Woven Fabrics	ASTM D3775-2017	
		Propensity to Surface Pilling, Fuzzing or Matting – Piling Box Method	ISO 12945-1: 2020	
		Fabric Propensity to Surface Pilling, Fuzzing or Matting – Modified Martindale Method	ISO 12945-2: 2020	
		Abrasion Resistance of Fabrics by the Martindale Method – Determination of Specimen Breakdown	ISO 12947-2: 2016	
		Abrasion Resistance of Fabrics by the Martindale Method – Determination of Specimen Mass Loss	ISO 12947-3: 1998	
		Abrasion Resistance of Fabrics by the Martindale Method Appearance Change	ISO 12947-4: 1998	
2	Apparel and Textiles	Bursting Strength	ISO 13938-1:2019 ASTM D3786/D3786M:2023	----
		Tearing Strength-Elmendorf	ISO 13937-1:2000 ASTM D 1424:2021	

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Mechanical Testing (Laboratory Based)

		Tearing Strength-Single Tear-Trouser Shape	ISO 13937-2:2000 BS EN ISO 13937-2:2000	
		Tearing Strength-Single Tear-Wing Shaped	ISO 13937-3:2000 BS EN ISO 13937-3:2000	
		Tensile Properties of fabrics (Strip Method)	ISO 13934-1:2013 ASTM D 5035-11:2019 BS EN ISO 13934-1:2013	
		Tensile Properties of fabrics (Grab Method)	ISO 13934-2:2014 ASTM D 5034:2021 BS EN ISO 13934-2:2014	
		Stretch and Recovery	ASTM D 2594:2021	
		Seam Properties	ASTM D1683/D1683M:2022 ISO 13935-1:2014 ISO 13935-2:2014 ISO 13936-1:2004 ISO 13936-2:2004	
		Sharp Edge(Under A force of 1.35 pound)	16 CFR Part 1500.49(d) EN 71 Part 1 CI 8.11:2014 ASTM F 963: Sec 4.7: 2023	
		Sharp Point(Under A force of 1 pound)	16 CFR Part 1500.48(d) EN 71 Part 1 CI 8.12:2014 ASTM F 963: Sec 4.9: 2023	
		Standard for small parts Regulations	16 CFR 1501.4 EN 71 Part 1 CI 8.2:2014 ASTM F 963: Sec 4.6: 2023	
		Tension Test	16 CFR 1500.51-53:2024 EN 71 Part 1 CI 8.4:2014 ASTM F 963: Sec 8.9: 2023	
		Torque Test	16 CFR 1500.51-53:2024	

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Mechanical Testing (Laboratory Based)

			EN 71 Part 1 Cl 8.3:2014 ASTM F 963: Sec 8.9: 2023	
		Flammability of Clothing Textile	CGSB NO 4.2-27.5:2008 CPSC 16 CFR 1610:2024	
		Flammability of Children's Sleepwear	CPSC 16 CFR 1615/1616:2024	
3	Textile (Fabric, Garment & Made Ups)	Pilling Resistance and Other Related Surface Changes of Textile Fabrics	ASTM D 3512: 2022	----
		Bally Flexing	SATRA TM 55: 1999	
		Martindale Abrasion	SATRA TM 31: 2021	
Group: Leathers				
1	Upper Leathers	Tensile Strength	BS EN ISO 3376: 2020 SATRA TM 43: 2021	----
		Single Edge Tear	ISO 3377 Part - 1: 2011 BS EN ISO 20345: 2022	
		Double Edge Tear	ISO 3377 Part - 2: 2016 SATRA TM 162: 2017	
2	Coated Leathers	Finish Adhesion	ISO 11644: 2022 SATRA TM 148: 2021	----
3	Leathers Materials	Thickness	ISO 2589: 2016 SATRA TM 01: 2021	----
4	Footwear (Shoes)	Sole Bond Strength	ISO 17708: 2018 SATRA TM 411: 2023	----
		Sole Flexing	ISO 17707: 2005 SATRA TM 161: 2004	

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Mechanical Testing (Laboratory Based)

		Whole Shoe Flexing	ISO 24266 Method - A: 2020 SATRA TM 92: 2016	
		Slip Resistance	BS EN ISO 13287: 2019 SATRA TM 144: 2021	
5	Footwear (Soles)	Hardness	ISO 868: 2023 SATRA TM 205: 2017	----
		Sole Abrasion	ISO 20871: 2001 ISO 4649: 2017 SATRA TM 174: 2016	
		Tensile Strength	ISO 22654: 2002	
		Density	ISO 2781 Method - B: 2018	
		Tear Strength	SATRA TM 218: 1999 ISO 20872: 2018	
6	Footwear (Upper & Linings)	Seam Strength	SATRA TM 180: 2016 BS 5131- 5.13: 1980 NF G 92 003: 1989	----
		Bally Flexing	ISO 17694: 2016 BS EN ISO 5402 PART 1: 2022	
		Martindale Abrasion	ISO 17704: 2004 SATRA TM 31: 2021 EN 13520: 2002	
7	Footwear (Straps)	Handle Attachment	ISO 24263: 2020	----
8	Footwear (Heels)	Heel Attachment	ISO 22650: 2018 SATRA TM 113: 2022 BS EN 12785: 2000	----
		Top Lift Attachment	ISO 24264: 2020 SATRA TM 108: 2021	

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Mechanical Testing (Laboratory Based)

9	Footwear (Buckles)	Breaking Force Of Buckle - Three-Point Bending	SATRA TM 141: 1994	----
		Buckle Attachment Strength	BS 5131 - 5.11: 1981 SATRA TM 151: 1999 NF G 92 005: 1989	
10	Footwear (Laces)	Knot Slippage	SATRA TM 195: 2004	----
		Shoe Lace Tags Attachment	SATRA TM 175: 2018	
		Lace to Lace Abrasion	ISO 22774 Method - 1: 2004 SATRA TM 154: 2018	
11	Footwear (Slippers)	Toe Post Attachment	SATRA TM 118: 2022	----
12	Footwear (Zippers)	Zipper Endurance	BS 3084: 2006 Annex F EN 16732: 2016 Annex F	----
13	Footwear (Metal Fittings)	Corrosion Resistance	ISO 22775 Method - 2: 2004 SATRA TM 310: 2020	----

* Scope was amended, due to an extension of the scope.

Jikendra Parmar
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