# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** AGS TEXTILE TESTING LABORATORY, FIRST FLOOR, 29/1/75, MAYAN CAPITAL, BRIDGEWAY COLONY EXTN, TIRUPUR, TAMIL NADU, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9023 **Page No** 1 of 3

**Validity** 06/01/2023 to 05/01/2025 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabric & Garments | Colour Fastness to Perspiration | AATCC 15 |
| 2 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabric & Garments | Determination of spirality after laundering — Part 3: Woven and knitted garments | ISO 16322-3 |
| 3 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | FABRIC/ GARMENTS/ MOCKUPS | Colorfastness to Water | AATCC107 |
| 4 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | FABRIC/ GARMENTS/ MOCKUPS | Determination of the colourfastness of articles for common use - Part 1: Test with artificial saliva | DIN 53160-1 |
| 5 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Colour fastness to Crocking | AATCC 8 |
| 6 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & garments | Colour fastness to domestic and commercial laundering | ISO 105 C06 |
| 7 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Colour fastness to Perspiration | ISO 105 E04 |
| 8 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Colour fastness to water | ISO 105 E01 |
| 9 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Determination of Spirality after laundering — Part 2: Woven and knitted fabrics | ISO 16322-2 |
| 10 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Dimensional change in washing and drying, Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change, Domestic washing and drying procedures for textile testing | ISO 5077:2007, ISO 3759: 2011, ISO 6330 |
| 11 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Fibre Analysis –Quantitative | ISO 1833 -20 |
| 12 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Fibre Analysis –Quantitative | ISO 1833-7 |
| 13 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | Method for assessing appearance of apparel and other textile end products after domestic washing and drying | ISO 15487 |
| 14 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | pH of aqueous extract | AATCC 81 |

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| 15 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | pH of aqueous extract | ISO 3071 |
| 16 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics & Garments | PRINT DURABILITY | IHTM01 |
| 17 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics ,yarns and trims | Fibre Analysis –Quantitative | AATCC 20A |
| 18 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics& Garments | Colour fastness to rubbing | ISO 105-X12 |
| 19 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics, Garments, Yarn | Fibre Analysis –Quantitative | ISO 1833-1 |
| 20 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics, Garments, yarn | Quantitative chemical analysis | ISO 1833-11 |
| 21 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | FABRICS/GARMENTS/ MOCKUPS | Colour fastness to Sea Water | ISO 105 E02 |
| 22 | MECHANICAL- TEXTILE MATERIALS | FABRIC/ GARMENTS/ MOCKUPS | Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method | ISO 12945-2,4 |
| 23 | MECHANICAL- TEXTILE MATERIALS | FABRIC/ GARMENTS/ MOCKUPS | Vertical Wicking of Textiles | AATCC 197 |
| 24 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Bursting properties of fabrics — Part 1: Hydraulic method for determination of bursting strength and bursting distension | ISO 13938-1 |
| 25 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method | ASTM D 3786/D3786M |
| 26 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method | ISO 12945 (Part-1,4) |
| 27 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Determination of linear density of yarn removed from fabric | ISO 7211/5 |
| 28 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Determination of mass per unit length and mass per unit area | ISO 3801 - Method 5 |
| 29 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Determination of number of threads per unit length | ISO 7211/2 |
| 30 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Mass per unit Area | ASTM D 3776-option C |

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| 31 | MECHANICAL- TEXTILE MATERIALS | Fabrics & Garments | Test Method for Yarn Number Based on Short-Length Specimens | ASTM D 1059 |
| 32 | MECHANICAL- TEXTILE MATERIALS | Knitted Fabrics & Garments | Fabric Count Course & Wales (Knitted fabrics) | ASTM D 3887 |
| 33 | MECHANICAL- TEXTILE MATERIALS | Woven Fabrics & Garments | Test Method for End (Warp) and Pick (Filling) Count of Woven Fabrics | ASTM D 3775 |
| 34 | MECHANICAL- TEXTILE MATERIALS | Yarn from Packages | Determination of linear density (mass per unit length) by the skein method | ISO 2060 |