# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** OPF TESTING LABORATORY, NAPIER ROAD, CANTT, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

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

**Certificate Number** TC-10421 **Page No** 1 of 3

**Validity** 17/03/2022 to 16/03/2024 **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- METALS & ALLOYS | Low Alloy Steel | Carbon | ASTM E 415 |
| 2 | CHEMICAL- METALS & ALLOYS | Low Alloy Steel | Manganese | ASTM E 415 |
| 3 | CHEMICAL- METALS & ALLOYS | Low Alloy Steel | Phosphorus | ASTM E 415 |
| 4 | CHEMICAL- METALS & ALLOYS | Low Alloy Steel | Silicon | ASTM E 415 |
| 5 | CHEMICAL- METALS & ALLOYS | Low Alloy Steel | Sulphur | ASTM E 415 |
| 6 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Carbon | ASTM E 1086 |
| 7 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium | ASTM E 1086 |
| 8 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Manganese | ASTM E 1086 |
| 9 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel | ASTM E 1086 |
| 10 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorus | ASTM E 1086 |
| 11 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon | ASTM E 1086 |
| 12 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Sulphur | ASTM E 1086 |
| 13 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Coated Fabric | Water Repellency of Fabric by Water Spray Test | IS 390 |
| 14 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Coated Fabric and Polythene | Resistance to Penetration by Water by Static Pressure Head | IS 7940 |
| 15 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabric | Dimensional Changes on Soaking in Water (other than Wool) | IS 2977 |
| 16 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabric and Tape | Identification of Dyes (Cotton and other Cellulosic fibers) | IS 4472 Part I |
| 17 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabric, Tape, Webbing, Cordage and Sewing Thread | Scouring Loss in Grey and Finished Cotton Textile Material | IS 1383 (Mild Method) |
| 18 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Tape, Cordage, Webbing, Sewing Thread and Fabric | Colour Fastness to Perspiration | IS 971 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** OPF TESTING LABORATORY, NAPIER ROAD, CANTT, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

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

**Certificate Number** TC-10421 **Page No** 2 of 3

**Validity** 17/03/2022 to 16/03/2024 **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 |
|---|---|---|---|---|
| 19 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Tape, Cordage, Webbing, Sewing Thread and Fabric | Colour fastness to washing | IS/ISO 105-C-10 Test No. 1 to 5 |
| 20 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Tape, Cordage, Webbing, Sewing Thread and Fabric | pH of Aqueous | IS 1390 |
| 21 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Tape, Webbing, Cordage, Sewing Thread and Fabric | Water Soluble Matter | IS 3456 |
| 22 | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Yarn/Fabrics | Quantitative Chemical Analysis of Binary mixture of Polyester Fiber with cotton or regenerated cellulose | IS 3416 |
| 23 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Steel and other alloys | Vickers Hardness Test | IS 1501 |
| 24 | MECHANICAL- TEXTILE MATERIALS | Cordage | Elongation at Break | IS 7071 (Part) |
| 25 | MECHANICAL- TEXTILE MATERIALS | Cordages | Breaking load | IS 4437 Appendix-C |
| 26 | MECHANICAL- TEXTILE MATERIALS | Cordages | Elongation at Break | IS 4437 |
| 27 | MECHANICAL- TEXTILE MATERIALS | Fabric | Breaking load | IS 1969 |
| 28 | MECHANICAL- TEXTILE MATERIALS | Fabric | Crease Recovery Test | IS 4681 |
| 29 | MECHANICAL- TEXTILE MATERIALS | Fabric | Resistance to damage by flexing | IS 7016 (Pt-4) |
| 30 | MECHANICAL- TEXTILE MATERIALS | Fabric | Tearing Strength (Elmendorf Tester) | IS 6489 |
| 31 | MECHANICAL- TEXTILE MATERIALS | Fabric | Weight/square meter | IS 1964 |
| 32 | MECHANICAL- TEXTILE MATERIALS | Fabric, Tape, Cordage, Webbing and Sewing Threads | Twist | IS 832 |
| 33 | MECHANICAL- TEXTILE MATERIALS | Metallic and plastic slide fastner | Reciprocating Movement Test | IS 14181(Part 2) Annexure-K |
| 34 | MECHANICAL- TEXTILE MATERIALS | Ropes and cordages | Breaking load | IS 7071 (Pt-4) |
| 35 | MECHANICAL- TEXTILE MATERIALS | Ropes and Cordages | Weight per linear meter | IS 7071 (Part 2) |
| 36 | MECHANICAL- TEXTILE MATERIALS | Tape & Webbing | Breaking Strength | IS 1969 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** OPF TESTING LABORATORY, NAPIER ROAD, CANTT, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

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

**Certificate Number** TC-10421 **Page No** 3 of 3

**Validity** 17/03/2022 to 16/03/2024 **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 |
|---|---|---|---|---|
| 37 | MECHANICAL- TEXTILE MATERIALS | Tape , Ribbon & Webbing | Elongation at Break | ADDE/BP/3c |
| 38 | MECHANICAL- TEXTILE MATERIALS | Tape, Webbing | Weight/Linear meter | IS:1964 |
| 39 | MECHANICAL- TEXTILE MATERIALS | Tape, Webbing and Fabric | Elongation at Break | IS 1969 |
| 40 | MECHANICAL- TEXTILE MATERIALS | Tape, Webbing, Fabric | Weave | SOP/01/2010 |
| 41 | MECHANICAL- TEXTILE MATERIALS | Tape, webbing, Ribbon | Breaking Load | ADDE/BP/3 (c) Appendix-A |
| 42 | MECHANICAL- TEXTILE MATERIALS | Tape, webbing, Ribbon, Fabrics | Threads per decimeter | IS 1963 |
| 43 | MECHANICAL- TEXTILE MATERIALS | Textile Yarn and Sewing Thread | Breaking Load | IS 1670 |
| 44 | MECHANICAL- TEXTILE MATERIALS | Textile yarn and Sewing Thread | Linear Density | IS 1315 |
| 45 | MECHANICAL- TEXTILE MATERIALS | Webbing, Tape | weight per linear meter | IS 4727 Appendix-A |
| 46 | MECHANICAL- TEXTILE MATERIALS | Yarn & Sewing Thread | Elongation at Break | IS 1670 |