National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 1 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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- LEATHER	Leather	Chromic Oxide	IS 582 LC 10
2	CHEMICAL- LEATHER	Leather	Hide Substance	IS 582 LC 5
3	CHEMICAL- LEATHER	Leather	pH Value of Aqueous Extract	EN ISO 4045
4	CHEMICAL- LEATHER	Leather	pH Value of Aqueous Extract	IS 582 LP 18
5	CHEMICAL- LEATHER	Leather	Solvent Extractable Substance	IS 582 LC 4
6	CHEMICAL- LEATHER	Leather	Total Ash	IS 582 LC 3
7	CHEMICAL- LEATHER	Leather	Volatile Matter	IS 582 LC 1
8	CHEMICAL- LEATHER	Leather	Water Insoluble Ash	IS 582 LC 8
9	CHEMICAL- LEATHER	Leather	Water Soluble Matter	IS 582 LC 6
10	CHEMICAL- ORES & MINERALS	Aluminium/Bauxite Ores	Ferric Oxide (Fe2O3)	IS 2000 Part 4
11	CHEMICAL- ORES & MINERALS	Aluminium/Bauxite Ores	Alumina (Al2O3)	IS 2000 Part 3
12	CHEMICAL- ORES & MINERALS	Aluminium/Bauxite Ores	Loss on Ignition	IS 2000 Part 1
13	CHEMICAL- ORES & MINERALS	Aluminium/Bauxite Ores	Silica (SiO2)	IS 2000 Part 2
14	CHEMICAL- ORES & MINERALS	Iron Ores	Alumina (Al2O3)	IS 1493 Part 1
15	CHEMICAL- ORES & MINERALS	Iron Ores	Ferrous Oxide (FeO)	IS 1493
16	CHEMICAL- ORES & MINERALS	Iron Ores	Iron	IS 1493 Part 1
17	CHEMICAL- ORES & MINERALS	Iron Ores	Loss on Ignition	ISO 11536
18	CHEMICAL- ORES & MINERALS	Iron Ores	Moisture	IS 1493 Part 1
19	CHEMICAL- ORES & MINERALS	Iron Ores	Phosphorus	IS 1493 Part 1
20	CHEMICAL- ORES & MINERALS	Iron Ores	Silica (SiO2)	IS 1493 Part 1
21	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina (Al2O3)	IS 1760 Part 3
22	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide (CaO)	IS 1760 Part 3

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 2 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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
23	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric Oxide (Fe2O3)	IS 1760 Part 3
24	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignition	IS 1760 Part 1
25	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium Oxide (MgO)	IS 1760 Part 3
26	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica (SiO2)	IS 1760 Part 2
27	CHEMICAL- ORES & MINERALS	Manganese Ores	Alumina (Al2O3)	IS 1473
28	CHEMICAL- ORES & MINERALS	Manganese Ores	Iron	IS 1473
29	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese	IS 1473
30	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese Dioxide (MnO2)	IS 1473
31	CHEMICAL- ORES & MINERALS	Manganese Ores	Moisture	IS 1473
32	CHEMICAL- ORES & MINERALS	Manganese Ores	Moisture	ISO 4299
33	CHEMICAL- ORES & MINERALS	Manganese Ores	Phosphorus	IS 1473
34	CHEMICAL- ORES & MINERALS	Manganese Ores	Silica (SiO2)	IS 1473
35	CHEMICAL- ORES & MINERALS	Quartzite & High Silica Sand	Loss on Ignition	IS 1917 Part 1
36	CHEMICAL- ORES & MINERALS	Quartzite & High Silica Sand	Silica (SiO2)	IS 1917 Part 3
37	CHEMICAL- PAPER AND PULP	Paper & Paper Pulp	pH Value	IS 1060 Part 1
38	CHEMICAL- PAPER AND PULP	Paper and Paper Pulp	Ash Content	IS 1060 Part 1
39	CHEMICAL- PAPER AND PULP	Paper and Paper Pulp	Moisture Content	IS 1060 Part 1
40	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Autoclaving Test	IS 4135
41	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Autoclaving Test	IS 5915

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 3 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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42	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Autoclaving Test	IS 6110
43	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Identification	IS 3400 Part 22
44	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Polymer Content	ASTM D 297 Section: 52-53
45	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Polymer Content	ASTM D 297 Sections: 52-53
46	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Polymer Content	IS 3400 Part 22
47	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Polymer Content	IS 5915
48	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Polymer Content	IS 6110
49	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Reaction to Aqueous Extract	IS 4135
50	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Resistance to Acid & Alkali	IS 5915
51	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Resistance to Disinfectants & Detergents	IS 4135
52	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Resistance to Phenol	IS 4135
53	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Resistance to Xylol	IS 6110
54	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Hydrocarbon (Natural Rubber)	ASTM D 297 [Part B] Sections: 52-53
55	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Hydrocarbon (Natural Rubber)	IS 6110
56	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Acetone Chloroform Extract	ASTM D 297 Section: 21
57	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Acetone Chloroform Extract	IS 3400 Part 22
58	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Acetone Chloroform Extract	IS 5915
59	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Acetone Chloroform Extract	IS 6110
60	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Alcoholic KOH Extract	ASTM D 297 Section: 22

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 4 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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
61	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Alcoholic KOH Extract	IS 3400 Part 22
62	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Alcoholic KOH Extract	IS 5915
63	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Alcoholic KOH Extract	IS 6110
64	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Ash Content	ASTM D 297 Section: 35
65	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Ash Content	IS 3400 Part 22
66	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Ash Content	IS 5915
67	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Ash Content	IS 6110
68	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Carbon Black	ASTM D 297 Section: 38
69	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Carbon Black	IS 3400 Part 22
70	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Carbon Black	IS 5915
71	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Carbon Black	IS 6110
72	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Inorganic Sulphur	ASTM D 297 Section: 33
73	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Inorganic Sulphur	IS 3400 Part 22
74	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Inorganic Sulphur	IS 5915
75	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Inorganic Sulphur	IS 6110
76	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Total Sulphur	ASTM D 297 Section: 32
77	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Total Sulphur	IS 3400 Part 22
78	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Total Sulphur	IS 5915
79	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Rubber Polymer Content - Total Sulphur	IS 6110

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 5 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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80	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Swelling Test	ASTM D 471 Section: 11
81	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Swelling Test	IS 3400 Part 6
82	CHEMICAL- SOLID FUELS	Coal	Ash Content	IS 1350 Part 1
83	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 Part 1
84	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 Part 1
85	CHEMICAL- SOLID FUELS	Coal	Inherent Moisture (air-dried basis)	IS 1350 Part 1
86	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 Part 1
87	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 Part 1
88	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Blend Composition	IS 2006
89	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Blend Composition	IS 3416
90	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Blend Composition	IS 3421
91	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Artificial Light	IS/ISO 105-B02
92	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Artificial Light	ISO 105-B02
93	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Artificial Light	SASO ISO 105-B02
94	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Bleaching (Hypochlorite)	IS/ISO 105-N01
95	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Bleaching (Peroxide)	ISO 105-N02
96	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Chlorinated Water/Swimming Water	IS/ISO 105-E03
97	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Organic Solvent	IS/ISO 105-X05
98	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Perspiration	IS/ISO 105-E04
99	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Rubbing	IS/ISO 105-X12
100	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Sea Water	IS/ISO 105-E02

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 6 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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101	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Washing	IS/ ISO 105 C10
102	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Washing	SASO IS/ ISO 105 C10
103	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Color Fastness to Water	IS/ISO 105-E01
104	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Identification of Fabric	IS 667
105	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Oil Content	IS 2969
106	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	pH of Water Extract	AATCC TM 81
107	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	pH of Water Extract	IS 1390
108	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	pH of Water Extract	ISO 3071
109	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	pH of Water Extract	SASO ISO 3071
110	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Scouring Loss	IS 1383
111	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Solvent Soluble Matter	IS 4390
112	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Unsaponifiable Matter	IJO Standard 98/01
113	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Water Soluble Matter	IS 3456
114	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles HDPE / PP	Ash Content	IS 11652
115	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles HDPE / PP	Ash Content	IS 14887
116	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles HDPE / PP	Ash Content	IS 9755
117	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Appearance	IS 335
118	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Ash Content	IS 1448 : Part 4 : Sec 1

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5555	**Page No**	7 of 14
Validity	10/01/2022 to 09/01/2024	**Last Amended on**	23/03/2022

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119	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Breakdown Voltage	IS 6792
120	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Corrosive Sulphur	IS 335
121	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Density	IS 1448 Part 16
122	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dynamic Viscosity	IS 1448 Part 25
123	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Flash Point	IS 1448 Part 21
124	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Interfacial Tension	IS 6104
125	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Kinematic Viscosity	IS 1448 Part 25
126	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Pour Point	IS 1448 : Part 10 : Sec 2
127	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Sulphated Ash	IS 1448 : Part 4 : Sec 1
128	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Water Content	IS 13567
129	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Water Soluble Ash	IS 1448 : Part 4 : Sec 1
130	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Absorption of Water (Gravimetric)	IS 5914 LP 11
131	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Apparent Density	IS 5914 LP 5
132	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Double Hole Stitch Tear Strength	IS 5914 LP 8
133	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Elongation at Break	IS 5914 LP 6

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5555	**Page No**	8 of 14
Validity	10/01/2022 to 09/01/2024	**Last Amended on**	23/03/2022

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134	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Flexing Endurance	IS 5914 LP 19
135	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Resistant to Cracking of Grain and Crack Index	IS 5914 LP 13
136	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Shrinkage Temperature	IS 5914 LP 10
137	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Tensile Strength	IS 5914 LP 6
138	MECHANICAL- LEATHER AND LEATHER PRODUCTS	Leather	Thickness	IS 5914 LP 1
139	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Breaking Length	IS 1060 Part 1
140	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Burst Strength & Burst Factor	IS 1060 Part 2
141	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Denomination	IS 5195
142	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Gloss %	IS 1060 Part 1
143	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Ream Weight	IS 1060 (Part 1)
144	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Ruling	IS 5195
145	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Substance	IS 1060 Part 1
146	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Tensile Strength	IS 1060 Part 2
147	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Tensile Strength	IS 1848 Part 1 & 2
148	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Product	Thickness	IS 5195
149	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Products	Binding	IS 5195
150	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Products	Burst Strength & Burst Factor	IS 1060 Part 1
151	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Products	Sizing	IS 5195
152	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Products	Tensile Strength	IS 1060 Part 1 (amendment 6)

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5555	**Page No**	9 of 14
Validity	10/01/2022 to 09/01/2024	**Last Amended on**	23/03/2022

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153	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic	Abrasion Resistance Test by DIN Method (Relative Volume Loss)	IS 3400 Part 3
154	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic	Accelerated Ageing Test (Change in Hardness Shore-A)	IS 7016 Part 8
155	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic	Accelerated Ageing Test (Change in Tensile Strength)	IS 3400 Part 4
156	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic	Cut Growth of Rubber by Ross Flexing Machine	IS 3400 Part 16
157	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Accelerated Ageing Test (Change in Elongation at Break)	IS 3400 Part 4
158	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Accelerated Ageing Test (Change in Elongation at Break)	IS 7016 Part 8
159	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Accelerated Ageing Test (Change in Tensile Strength)	IS 7016 Part 8
160	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Breaking Strength of Rubber Coated Fabric	IS 7016 Part 2
161	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Compression Set at Constant Strain	IS 3400 Part 10
162	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Density	IS 3400 Part 9
163	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Elongation at Break	IS 3400 Part 1
164	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	IRHD Hardness	IS 3400 Part 2
165	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Length and Width of Rubberized Fabric	IS 7016 Part 1
166	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Mass of Rubberized Finished Coated Fabric	IS 7016 Part 1
167	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Proofing Content	IS 4135
168	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Proofing Content	IS 5915
169	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Proofing Content	IS 6110
170	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Shore-A-Hardness	ASTM D 2240 [Pg.1 – 13]

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 10 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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
171	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Tensile Strength	IS 3400 Part 1
172	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE /PP Products	Seam Strength	IS 9755
173	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Freedom From Defects	IS 16186
174	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Moisture Regain %	IS 16186
175	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Stitches/dm	IS 9113
176	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Type of Stitch	IS 16186
177	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Type of Weave	IS 16186
178	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics	Weight Per Unit Area of Fabric & Weight Per Unit Length of Jute	IS 10036 Part 1 & 2
179	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics (Woven & Non-Woven	Seam Strength	IS 9030
180	MECHANICAL- TEXTILE MATERIALS	Jute Products and Fabrics (Woven & Non-Woven)	Corrected Mass per Bag	IS 16186
181	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Differential Pressure Test	IS 16289
182	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity) (Splash Resistance Test)	ASTM F 1862/F 1862 M
183	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity) (Splash Resistance Test)	IS 16289
184	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity) (Splash Resistance Test)	ISO 22609

SCOPE OF ACCREDITATION

Laboratory Name :	ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5555	**Page No**	11 of 14
Validity	10/01/2022 to 09/01/2024	**Last Amended on**	23/03/2022

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185	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids — Test Method Using Synthetic Blood	ASTM F 1670/F 1670M
186	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids — Test Method Using Synthetic Blood	IS 16546
187	MECHANICAL- TEXTILE MATERIALS	Medical Textile	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids — Test Method Using Synthetic Blood	ISO 16603
188	MECHANICAL- TEXTILE MATERIALS	Textile and Jute Yarn / Products	Breaking Load of Yarn	IS 1670
189	MECHANICAL- TEXTILE MATERIALS	Textile and Jute Yarn / Products	Elongation of Yarn	IS 1670
190	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments	Course & Wales	IS 13003
191	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments	Course & Wales	IS 833
192	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments (Woven & Non-Woven)	Bursting Strength of Fabric	IS 1966 Part 1
193	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments ,Jute fabrics	Course & Wales	IS 2360
194	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & Non Woven	Water Proofness Test	IS 7941
195	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & Non Woven)	Elongation of Fabric	IS 1969 Part 1
196	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & NonWoven	Universal Count of Yarn	IS 570
197	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & NonWoven	Weight Per Unit Area of Fabric & Weight Per Unit Length of Fabric	IS 1964
198	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & NonWoven)	Mass per Unit Area	ISO 3801
199	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & NonWoven)	Dimensional Changes of Fabric	IS 2977

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 12 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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200	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics (Woven & NonWoven)	Thickness of Fabric	IS 7702
201	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics	Thread Per Unit Length of Woven Fabric (Ends/dm)	IS 1963
202	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute Products and Fabrics	Thread Per Unit Length of Woven Fabric (Picks/dm)	IS 1963
203	MECHANICAL- TEXTILE MATERIALS	Textile Fabric & Garments, Jute, HDPE/PP Products and Fabrics (Woven & Non-Woven)	Breaking Strength	IS 1969 Part 1
204	MECHANICAL- TEXTILE MATERIALS	Textile HDPE /PP	Capacity of HDPE/PP Woven Sacks	EIPL/SOP/01/16 Issue no. 3 dated 20.05.18: 2018
205	MECHANICAL- TEXTILE MATERIALS	Textile HDPE/PP Products	UV Resistance Test	IS 9755 (Annex F)
206	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics	Twist of Yarn	IS 832 Part 1
207	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics	Universal Count of Yarn	IS 3442
208	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Bursting Properties of Fabrics Hydraulic Method for Determination of Bursting Strength and Bursting Distension	ISO 13938-1
209	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Bursting Strength of Fabric	IS 7016 Part 6
210	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Crease Recovery Angle Test	AATCC TM 66
211	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Crease Recovery Angle Test	IS 4681
212	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Crease Recovery Angle Test	ISO 2313
213	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Dimension of Fabric (Length & Width)	IS 1954
214	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Flammability and Flame Resistance of Textile Fabrics	ASTM D 1230
215	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Flammability and Flame Resistance of Textile Fabrics	IS 11871
216	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Mass per Unit Length	ISO 3801
217	MECHANICAL- TEXTILE MATERIALS	Textile Yarn Fabric & Garments, Jute Products and Fabrics (Woven & Non-Woven)	Pilling Resistance Test	IS 10971 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 13 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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218	MECHANICAL- TEXTILE MATERIALS	Textile Yarn, Products and Fabrics	Linear Density of Yarn	IS 1315
219	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average Breaking Strength at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 11652
220	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average Breaking Strength at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 14887
221	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average Breaking Strength at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 9755
222	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average elongation at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 11652
223	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average elongation at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 14887
224	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Average elongation at break of UV stabilised HDPE / PP fabric after exposure to UV radiation and weathering	IS 9755
225	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Breaking Strength	IS 11652
226	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Breaking Strength	IS 14887
227	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Breaking Strength	IS 9755
228	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Dimension of Woven Sacs (Length & Width)	IS 11652
229	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Dimension of Woven Sacs (Length & Width)	IS 14887
230	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Dimension of Woven Sacs (Length & Width)	IS 9755
231	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Elongation of Fabric	IS 11652

SCOPE OF ACCREDITATION

Laboratory Name : ESKAPS (INDIA) PRIVATE LIMITED, 30, JAWAHARLAL NEHRU ROAD, PARK STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5555 **Page No** 14 of 14

Validity 10/01/2022 to 09/01/2024 **Last Amended on** 23/03/2022

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232	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Elongation of Fabric	IS 14887
233	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Elongation of Fabric	IS 9755
234	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Mass of Sack of HDPE/PP Woven Sacks	IS 14887
235	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Mass of Sack of HDPE/PP Woven Sacks	IS 9755
236	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Mass of Sack of HDPE/PP Woven Sacks	IS 11652
237	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Seam Strength	IS 11652
238	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Seam Strength	IS 14887
239	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Ends/dm)	IS 11652
240	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Ends/dm)	IS 14887
241	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Ends/dm)	IS 9755
242	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Pics/dm)	IS 11652
243	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Pics/dm)	IS 14887
244	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Thread Per Unit Length of Woven Sacs (Pics/dm)	IS 9755
245	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	UV Resistance Test	IS 11652 (ANNEX F)
246	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	UV Resistance Test	IS 14887 (ANNEX C)
247	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Weight Per Unit Area of Fabric & Weight Per Unit Length of Woven Sacs	IS 11652
248	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Weight Per Unit Area of Fabric & Weight Per Unit Length of Woven Sacs	IS 14887
249	MECHANICAL- TEXTILE MATERIALS	Textiles HDPE/PP Products	Weight Per Unit Area of Fabric & Weight Per Unit Length of Woven Sacs	IS 9755