National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PTL & ANALYTICAL LABORATORY, SUDARSHAN CHEMICAL INDUSTRIES LIMITED, 46, MIDC ESTATE, DHATAV, ROHA ASHTAMI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7276 **Page No** 1 of 10

Validity 12/05/2021 to 11/05/2023 **Last Amended on** 19/07/2021

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- INKS, DYES & PIGMENTS	Physical Properties of Pigments (Organic & Inorganic Pigments	Bleeding	CPTL/301; Issue No. 27
2	CHEMICAL- INKS, DYES & PIGMENTS	Physical Properties of Pigments (Organic & Inorganic Pigments	Oil Absorption	CPTL/301; Issue No. 27
3	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Antimony	Ana/514; Issue No. 7
4	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Arsenic	Ana / 514; Issue No. 7
5	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Barium	Ana/514; Issue No. 7
6	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Cadmium	Ana/514; Issue No. 7
7	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Chromium	Ana/514; Issue No. 7
8	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Conductivity	Ana/437; Issue No. 6
9	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Lead	Ana / 514; Issue No. 7
10	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Mercury	Ana/514; Issue No. 7
11	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	pH	Ana/431; Issue No. 8
12	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Selenium	Ana/514; Issue No. 7
13	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Specific Gravity	Ana/405; Issue No. 11
14	CHEMICAL- INKS, DYES & PIGMENTS	Pigment	Volatile Matter	Ana/402; Issue No. 5
15	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone	SUDA0701; Issue No. 01
16	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - Da	SUDA0701; Issue No. 01
17	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - Db	SUDA0701; Issue No. 01
18	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - DC	SUDA0701; Issue No. 01

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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- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - DE	SUDA0701; Issue No. 01
20	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - DH	SUDA0701; Issue No. 01
21	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Full Tone - DL	SUDA0701; Issue No. 01
22	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour shade Full tone (Visual)	SUDA0701; Issue No. 01
23	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint	SUDA0701; Issue No. 01
24	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - Da	SUDA0701; Issue No. 01
25	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - Db	SUDA0701; Issue No. 01
26	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - DC	SUDA0701; Issue No. 01
27	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - DE	SUDA0701; Issue No. 01
28	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - DH	SUDA0701; Issue No. 01
29	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour Shade Tint - DL	SUDA0701; Issue No. 01
30	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour shade Tint (Visual)	SUDA0701; Issue No. 01
31	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Colour strength Tint	SUDA0701; Issue No. 01
32	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Decorative Enamel Paint(Organic Pigments)	Opacity	SUDA0701; Issue No. 01
33	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone	CPTL/221; Issue No. 35
34	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - Da	CPTL/221; Issue No. 35
35	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - Db	CPTL/221; Issue No. 35
36	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - DE	CPTL/221; Issue No. 35
37	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - DL	CPTL/221; Issue No. 35

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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
38	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour shade Full tone (Visual)	CPTL/221; Issue No. 35
39	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Tint	CPTL/221; Issue No. 35
40	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Tint - Da	CPTL/221; Issue No. 35
41	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Tint - Db	CPTL/221; Issue No. 35
42	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Tint - DE	CPTL/221; Issue No. 35 35
43	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Shade Tint - DL	CPTL/221; Issue No. 35
44	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour shade Tint (Visual)	CPTL/221; Issue No. 35
45	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Colour Strength Tint	CPTL/221; Issue No. 35
46	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic Pigments)	Opacity	CPTL/221; Issue No. 35
47	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Difference Full Tone	CPTL/501; Issue No. 51
48	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Difference Tint	CPTL/501; Issue No. 51
49	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Full Tone - Da	CPTL/501; Issue No. 51
50	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Full Tone - Db	CPTL/501; Issue No.51
51	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Full Tone - DE	CPTL/501; Issue No. 51
52	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Full Tone - DL	CPTL/501; Issue No. 51
53	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Mass Tone	CPTL/501; Issue No. 51
54	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Tint	CPTL/501; Issue No. 51
55	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Tint - Da	CPTL/501; Issue No. 51
56	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Tint - Db	CPTL/501; Issue No. 51

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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
57	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Tint - DE	CPTL/501; Issue No. 51
58	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Colour Shade Tint - DL	CPTL/501; Issue No. 51
59	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Contrast ratio - Mass Tone Individual	CPTL/501; Issue No. 51
60	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Dispersion on Hegman Gauge	CPTL/501; Issue No. 51
61	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Gloss	CPTL/501; Issue No. 51
62	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Opacity	CPTL/501; Issue No. 51
63	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Shade Stability on over grinding Colour Difference in DE	CPTL/501; Issue No. 51
64	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Air Drying Enamel Paint (Organic & Inorganic pigments)	Tinting Strength	CPTL/501; Issue No. 51
65	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Shade Tint _Da	SUDA0710; Issue No. 03
66	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Shade Tint _Db	SUDA0710; Issue No. 03
67	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Shade Tint _DC	SUDA0710; Issue No. 03
68	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Shade Tint _DE	SUDA0710; Issue No. 03
69	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Shade Tint _DL	SUDA0710; Issue No. 03
70	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Color Strength Tint	SUDA0710; Issue No. 03
71	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Colour shade Full tone (Visual)	SUDA0710; Issue No. 03
72	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (For Organic Pigments)	Viscosity by Zhan Cup # 3 (Individuals)	SUDA0710; Issue No. 03
73	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (Organic & Inorganic Pigments)	Colour Shade Full Tone (Visual)	CPTL/231; Issue No. 21
74	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (Organic & Inorganic Pigments)	Colour Strength Tint	CPTL/231; Issue No. 21

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75	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Aqueous Ink (Organic & Inorganic Pigments)	Viscosity by Zhan Cup # 3 – Individuals	CPTL/231; Issue No. 21
76	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour shade Full Tone	CPTL/223; Issue No. 28
77	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour shade Full Tone - Da	CPTL/223; Issue No. 28
78	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - Db	CPTL/223; Issue No. 28
79	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - DE	CPTL/223; Issue No. 28
80	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Full Tone - DL	CPTL/223; Issue No. 28
81	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour shade Full tone (Visual)	CPTL/223; Issue No. 28
82	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour shade Tint	CPTL/223; Issue No. 28
83	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Tint - Da	CPTL/223; Issue No. 28
84	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Tint - Db	CPTL/223; Issue No. 28
85	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Tint - DE	CPTL/223; Issue No. 28
86	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Shade Tint - DL	CPTL/223; Issue No. 28
87	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour shade Tint (Visual)	CPTL/223; Issue No. 28
88	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic & Inorganic Pigments)	Colour Strength Tint	CPTL/223; Issue No. 28
89	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour shade Full Tone	SUDA0702; Issue No. 09
90	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - Da	SUDA0702; Issue No. 09
91	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - Db	SUDA0702; Issue No. 09
92	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - DC	SUDA0702; Issue No. 09
93	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - DE	SUDA0702; Issue No. 09

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94	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - DH	SUDA0702; Issue No. 09
95	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Full Tone - DL	SUDA0702; Issue No. 09
96	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour shade Full tone (Visual)	SUDA0702; Issue No. 09
97	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour shade Tint	SUDA0702; Issue No. 09
98	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - Da	SUDA0702; Issue No. 09
99	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - Db	SUDA0702; Issue No. 09
100	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - DC	SUDA0702; Issue No. 09
101	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - DE	SUDA0702; Issue No. 09
102	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - DH	SUDA0702; Issue No. 09
103	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour Shade Tint - DL	SUDA0702; Issue No. 09
104	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour shade Tint (Visual)	SUDA0702; Issue No. 09
105	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Industrial Paint (Organic Pigments)	Colour strength Tint	SUDA0702; Issue No. 09
106	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Colour shade Full tone (Visual)	CPTL/525; Issue No. 39
107	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Colour Strength Full Tone (Visual)	CPTL/525; Issue No. 39
108	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Dispersion in Micron (individuals)	CPTL/525: Issue No. 39
109	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Flow (%) of Ink (individuals)	CPTL/525; Issue No. 39
110	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Gloss	CPTL/525; Issue No. 39
111	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Transparency	CPTL/525; Issue No. 39
112	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Liquid Ink (Coates) (Organic & Inorganic Pigments)	Viscosity after 24 Hrs. / 7 days	CPTL/525: Issue No. 39

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113	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Shade Tint _ Da	Suda0706; Issue No. 02
114	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Shade Tint _ Db	SUDA0706; Issue No. 02
115	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Shade Tint _ DC	SUDA0706; Issue No. 02
116	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Shade Tint _ DE	SUDA0706; Issue No. 02
117	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Shade Tint _ DL	SUDA0706; Issue No. 02
118	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Color Strength Tint	SUDA0706; Issue No. 02
119	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Colour shade Full tone (Visual)	SUDA0706; Issue No. 02
120	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Transparancy - Gray Scale	SUDA0706; Issue No. 02
121	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for NC –PU based liquid Ink (For Organic & Inorganic Pigments)	Viscosity by Zhan Cup # 3 (Individuals) in sec	SUDA0706; Issue No. 02
122	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Dispersion in microns	CPTL/328; Issue No. 22
123	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Colour shade Full tone (Visual)	CPTL/328; Issue No. 22
124	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Colour Shade Tint (Visual)	CPTL/328; Issue No. 22
125	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Colour strength Tint (Visual)	CPTL/328; Issue No. 22
126	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Gloss (Full Tone)	CPTL/328; Issue No. 22
127	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Transparency (Full Tone)	CPTL/328; Issue No. 22
128	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Nitro cellulose Ink (Organic & Inorganic Pigments)	Viscosity by Zhan Cup # 3 (Individuals)	CPTL/328; Issue No. 22
129	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Colour Shade Full Tone	CPTL/522; Issue No. 18
130	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Colour Shade Mass Tone	CPTL/522; Issue No. 18
131	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Colour Shade Tint Tone Visual	CPTL/522; Issue No. 18

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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
132	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Colour Shade Under Tone	CPTL/522; Issue No. 18
133	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Colour Strength Tint	CPTL/522; Issue No. 18
134	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Dispersion on NPIRI/Hegman Gauge	CPTL/522; Issue No. 18
135	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Flow	CPTL/522; Issue No. 18
136	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Gloss Full Tone (Visual)	CPTL/522; Issue No. 18
137	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Sheen / Bronziness of Print Tone of Full Tone	CPTL/522; Issue No. 18
138	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Texture on NPIRI/ Hegman Gauge	CPTL/522; Issue No. 18
139	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset / Letterpress Ink (Coates) (Organic & Inorganic Pigments)	Transparency (Full Tone)	CPTL/522; Issue No. 18
140	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour Shade Full Tone (Visual)	CPTL/201; Issue No. 30
141	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour Shade Mass Tone	CPTL/201; Issue No. 30
142	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour Shade Print Tone	CPTL/201; Issue No. 30
143	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour Shade Tint (Visual)	CPTL/201; Issue No. 30
144	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour Shade Under Tone	CPTL/201; Issue No. 30
145	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Colour strength Tint (Visual)	CPTL/201: Issue No. 30
146	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Dispersion on NPIRI/Hegman Gauge	CPTL/201: Issue No. 30
147	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Flow	CPTL/201: Issue No. 30
148	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Texture on NPIRI/Hegman Gauge	CPTL/201: Issue No. 30
149	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Offset Letter Press Ink (Organic & Inorganic Pigments)	Transparency Full Tone (Visual)	CPTL/201: Issue No. 30
150	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade – Full Tone at 4 Minute	CPTL/639; Issue No. 28

SCOPE OF ACCREDITATION

Laboratory Name : PTL & ANALYTICAL LABORATORY, SUDARSHAN CHEMICAL INDUSTRIES LIMITED, 46, MIDC ESTATE, DHATAV, ROHA ASHTAMI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/05/2021 to 11/05/2023 **Last Amended on** 19/07/2021

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
151	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint	CPTL/639; Issue No. 28
152	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint - Da	CPTL/639; Issue No. 28
153	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint - Db	CPTL/639; Issue No. 28
154	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint - DC	CPTL/639; Issue No. 28
155	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour shade Tint - DE	CPTL/639; Issue No. 28
156	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint - DH	CPTL/639; Issue No. 28
157	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Shade Tint - DL	CPTL/639; Issue No. 28
158	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Colour Strength Tint at 4 Minute	CPTL/639; Issue No. 28
159	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Dispersibility Full Tone (Visual)	CPTL/639; Issue No. 28
160	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Dispersibility Tint Tone (Visual)	CPTL/639; Issue No. 28
161	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Dispersibility TT (1,2,4,6 Minute Visual)	CPTL/639; Issue No. 28
162	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Application (Organic & Inorganic Pigment)	Transparency Full Tone (Visual)	CPTL/639; Issue No. 28
163	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone	CPTL/271; Issue No. 16
164	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone - Da	CPTL/271; Issue No. 16
165	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone - Db	CPTL/271; Issue No. 16
166	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone - Dc	CPTL/271; Issue No. 16
167	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone - DE	CPTL/271; Issue No. 16
168	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Full Tone - DL	CPTL/271; Issue No. 16
169	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint	CPTL/271; Issue No. 16

SCOPE OF ACCREDITATION

Laboratory Name : PTL & ANALYTICAL LABORATORY, SUDARSHAN CHEMICAL INDUSTRIES LIMITED, 46, MIDC ESTATE, DHATAV, ROHA ASHTAMI, RAIGAD, MAHARASHTRA, INDIA

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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
170	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint - Da	CPTL/271; Issue No. 16
171	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint - Db	CPTL/271; Issue No. 16
172	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint - DC	CPTL/271; Issue No. 16
173	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint - DE	CPTL/271; Issue No. 16
174	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colour Shade Tint - DL	CPTL/271; Issue No. 16
175	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Plastic Moulding (Organic & Inorganic Pigment)	Colur Strength Tint	CPTL/271; Issue No. 16
176	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Shade Tint _Da	SUDA0711; Issue No. 00
177	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Shade Tint _Db	SUDA0711; Issue No. 00
178	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Shade Tint _DC	SUDA0711; Issue No. 00
179	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Shade Tint _DE	SUDA0711; Issue No. 00
180	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Shade Tint _DL	SUDA0711; Issue No. 00
181	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Color Strength Tint	SUDA0711; Issue No. 00
182	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for PVC application (For Organic Pigments)	Colour shade Full tone (Visual)	SUDA0711; Issue No. 00
183	CHEMICAL- INKS, DYES & PIGMENTS	Pigments for Thin wall articles in Plastic application (Organic & Inorganic Pigments)	Filter Index in Bars/gm	SUDA0712; Issue No. 00