



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

KHANNA PAINT TESTING LABORATORY, A 107, KAILASH INDUSTRIAL  
COMPLEX, MUMBAI, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-9607

**Page No**

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**Validity**

18/06/2025 to 17/06/2029

**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 Testing				
1	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Accelerated Weathering Test	IS 101: Part 6: Sec 5
2	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Degree of Rusting on Painted Steel Surfaces	ASTM D610
3	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Abrasion by Abrasive Rubber Wheels and Rotating Test Specimen	IS 101: Part 5: Sec 7
4	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Assessment of degree of rusting	ISO - 4628-3
5	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Color Differences of Diffusely-Illuminated Opaque Materials	ASTM D 1729
6	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Dry Film Thickness	IS 101: Part 3: Sec 2
7	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Electrochemical impedance spectroscopy (EIS)	IS 101: Part 10: Sec 3
8	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluation & Assessment of degree of blistering	ISO 4628-2
9	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments	ASTM D 1654
10	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Falling weight test: Smaller area indenter.	IS 101 Part 5: Sec 5
11	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Immersion by chemical method	ASTM D 1308
12	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Impact resistance : Smaller area indenter.	ISO 6272-2
13	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Resistance to Heat	IS 101: Part 7: Sec 3
14	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Resistance to humidity	IS 101: Part 6: Sec 1
15	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Resistance to liquids	IS 101: Part 7: Sec 2
16	CHEMICAL- PAINTS & SURFACE COATING	Adhesive	Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)	ASTM D 1002
17	CHEMICAL- PAINTS & SURFACE COATING	Adhesives	Peel or Stripping Strength of Adhesive Bonds	ASTM D903
18	CHEMICAL- PAINTS & SURFACE COATING	Clear or Pigmented Coatings	Volume, Nonvolatile Matter in Clear or Pigmented Coatings	ASTM D 2697

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19	CHEMICAL- PAINTS & SURFACE COATING	Coated / Uncoated Substrates	Conducting Potentiodynamic Polarization Resistance Measurements	ASTM G 59
20	CHEMICAL- PAINTS & SURFACE COATING	Coated and Uncoated Specimens	Electrochemical Impedance on Coated and Uncoated Specimens	ISO 16773-2
21	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Hardness tests	IS 101: Part 5: Sec 1- 4
22	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Bend test	BS - 3900 - E 11
23	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Color Differences from Instrumentally Measured Color Coordinates	ASTM D 2244
24	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Degradation of coatings (pictorial aids for evaluation)	IS 101: Part 6: Sec 4
25	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Determination of film thickness	ISO 2808
26	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluating Degree of Blistering of Paints	ASTM D714
27	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluating the Degree of Chalking of Exterior Paint Films	ASTM D 4214 - 07
28	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Abrasion by Abrasive Rubber Wheels and Rotating Test Specimen	ISO 7784-2
29	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Assessment of degree of flaking	ISO 4624-5
30	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Determination of Gloss (@20° Angle)	IS 101: Part 4: Sec 4
31	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Determination of Gloss (@60° Angle)	IS 101: Part 4: Sec 4
32	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluating Degree of Cracking of Exterior Paints	ASTM D661
33	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluating Degree of Flaking (Scaling) of Exterior Paints	ASTM D772
34	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Evaluation of Visual Color Difference With a Gray Scale	ASTM D 2616
35	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Flexibility and adhesion (Bent Test)	IS 101: Part 5: Sec 2
36	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Flexibility and adhesion (Pull Off Strength)	IS 101: Part 5: Sec 2
37	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Flexibility and adhesion (Scratch Hardness Test)	IS 101: Part 5: Sec 2

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38	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Hardness by durometer method (Shore hardness)	ISO 48-4
39	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Impact resistance Large area indenter.	ISO 6272-1
40	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Neutral Salt Spray Test	ASTM B117
41	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Resistance to water	IS 101 : Part 7 : Sec 1
42	CHEMICAL- PAINTS & SURFACE COATING	Coated Panels	Scratch Hardness Test	ISO 1518
43	CHEMICAL- PAINTS & SURFACE COATING	Coated Sample	Cathodic Disbonding of Pipeline Coatings Subjected to Elevated Temperatures	ASTM G-42
44	CHEMICAL- PAINTS & SURFACE COATING	Coated Sample	Cross Cut test	ISO 2409
45	CHEMICAL- PAINTS & SURFACE COATING	Coated Sample	Determination of resistance to cathodic disbonding exposed to see water	ISO 15711
46	CHEMICAL- PAINTS & SURFACE COATING	coated sample	Exposing coatings to fluorescent UV lamps	ISO 16474-3
47	CHEMICAL- PAINTS & SURFACE COATING	Coated sample	Pull off adhesion test	ISO 4624
48	CHEMICAL- PAINTS & SURFACE COATING	Coated Sample	Water immersion - temperature gradient method	ISO 2812-2
49	CHEMICAL- PAINTS & SURFACE COATING	Coated Substrate	Salt spray tests	ISO 9227
50	CHEMICAL- PAINTS & SURFACE COATING	Coated Substrates	Resistance to Humidity Under Conditions of Condensation	IS 101(Part 6/Sec 1)
51	CHEMICAL- PAINTS & SURFACE COATING	Coating materials and coating systems for exterior masonry and concrete	Determination of carbon dioxide permeability	EN 1062-6
52	CHEMICAL- PAINTS & SURFACE COATING	Free Film	Water Absorption	ASTM D 570
53	CHEMICAL- PAINTS & SURFACE COATING	Free Film of paint	Tensile Properties of paints	ASTM D 638
54	CHEMICAL- PAINTS & SURFACE COATING	Free Film of Paint	Tensile test	ASTM D 882
55	CHEMICAL- PAINTS & SURFACE COATING	Free Films	Flexural Test	ASTM D 790
56	CHEMICAL- PAINTS & SURFACE COATING	Free films & sheets	Tensile Properties of Organic Coatings	ASTM D 2370





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57	CHEMICAL- PAINTS & SURFACE COATING	Free films of coatings	Water Vapor Transmission	ASTM D1653
58	CHEMICAL- PAINTS & SURFACE COATING	Free Films of paints	Determination of Tensile Properties	ISO 527-3
59	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Ash Content	IS 101: Part 8: Sec 3
60	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Dispersion by Hegman-Type Gage	ASTM D1210
61	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Density	ASTM D1475
62	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Determination of the pot life	ISO 9514
63	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Drying Time	IS 101: Part 3: Sec 1
64	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Determination of Volatile Matter	IS 101: Part 2: Sec 2
65	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Hegman Gauge	IS 101: Part 3: Sec 5
66	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Non Volatile Matter	IS 101: Part 8: Sec 2
67	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint	Opacity	IS 101: Part 4: Sec 1
68	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint & Coated Panels	Finish	IS 101: Part 3: Sec4
69	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint / Coated Panels	Determination of fineness of grind	ISO 1524
70	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint / Coated Panels	Determination of Color	IS 101: Part 4: Sec 2
71	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint / Coated Panels	Finish	IS 101 : Part 3 : Sec 4
72	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint / Coated Panels	Tensile Film Properties	ASTM D 412
73	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint / Coated Panels	Visual comparison of colour of paints	ISO 3668
74	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint, Inks, and Related Product	Drying, Curing, or Film Formation of Organic Coatings	ASTM D1640 / D1640M
75	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paint, Inks, and Related Product	Volatile Content of Coatings	ASTM D 2369
76	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Volatile Organic Content	EPA Method 24



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77	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Consistency (by Ford Cup Method)	IS 101 Part 1 / Sec 5
78	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Consistency (By Stormer Method)	IS 101 Part 1 / Sec 5
79	CHEMICAL- PAINTS & SURFACE COATING	Liquid Sample	Tests for Drying time of paints.	IS 101: Part 3: Sec1
80	CHEMICAL- PAINTS & SURFACE COATING	Newtonian or near-Newtonian paints, varnishes, lacquers, and related liquid materials	Viscosity by Ford Viscosity Cup	ASTM D 1200
81	CHEMICAL- PAINTS & SURFACE COATING	Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals	Dry Film Thickness	ASTM 7091
82	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Accelerated Weathering Test	ASTM G 154
83	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Cathodic Disbondment Test	ASTM G 8
84	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Flexibility (Bend Test)	ASTM D 522
85	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Holiday Test(Spark probe)	ASTM D 5162 (Test Method B)
86	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated substrate	Humidity Exposure Test	ASTM D 2247
87	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Impact Test	ASTM D 2794
88	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Pull-off Adhesion	ASTM D4541
89	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Taber Abrasion Test	ASTM D 4060
90	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Adhesion by Tape Test	ASTM D 3359 (Method A)
91	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Adhesion by Tape Test	ASTM D 3359 (Method B)
92	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Durometer Hardness	ASTM D 2240
93	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Immersion Testing of Industrial Protective Coatings and Linings	ASTM D 6943
94	CHEMICAL- PAINTS & SURFACE COATING	Paint / Coated Substrate	Impact Resistance of Pipeline Coatings	ASTM G14
95	CHEMICAL- PAINTS & SURFACE COATING	Paint and Related Products	Mass per Ten Litres	IS 101 Part 1/ Sec 7
96	CHEMICAL- PAINTS & SURFACE COATING	Paint and related Products	Volume Solids	IS 101 Part 8 / Sec 6

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97	CHEMICAL- PAINTS & SURFACE COATING	Paint Coated Panel	MEK Rub test on ethyl silicate	ASTM D 4752
98	CHEMICAL- PAINTS & SURFACE COATING	Paint, Varnish, Lacquer, and Related products	Viscosity Using a Stormer-Type Viscometer	ASTM D 562
99	CHEMICAL- PAINTS & SURFACE COATING	Paint/ Coated panels	Determination of resistance to humidity	ISO 6270-3
100	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Substrates	Specular Gloss (@ 20° Angle)	ASTM D523
101	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Substrates	Specular Gloss (@ 60° Angle)	ASTM D523
102	CHEMICAL- PAINTS & SURFACE COATING	Painted/Coated Substrate	Dry Film Thickness	IS 101 Part 3 / Sec 2
103	CHEMICAL- PAINTS & SURFACE COATING	Painted/Coated Substrates	Evaluating Coatings For High-Temperature Service	ASTM D2485
104	CHEMICAL- PAINTS & SURFACE COATING	Painted/Coated Substrates	Film Hardness by Pencil Test	ASTM D3363
105	CHEMICAL- PAINTS & SURFACE COATING	Powdered pigments	Density by Pycnometer method	ISO 2811-1
106	CHEMICAL- PAINTS & SURFACE COATING	Rubber and Thermoplastic Elastomers	Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers	ASTM D624
107	CHEMICAL- PAINTS & SURFACE COATING	Zinc Powder	Chemical Analysis of Zinc Dust (Metallic Zinc Powder)	ASTM D521