National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ASIAN PAINTS LIMITED, RESEARCH & TECHNOLOGY CENTRE, PLOT C3/B1, TTC INDUSTRIAL AREA, POST VASHI MDG, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5513 **Page No** 1 of 3

Validity 19/05/2022 to 18/05/2024 **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- CORROSION TESTS	Painted /Coated Panels	Corrosion resistance of coatings	ASTM B117
2	CHEMICAL- CORROSION TESTS	Painted /Coated Panels	Cyclic corrosion test, cyclic salt fog / UV exposure of painted metal (alternating exposures in fog/dry cabinet and UV condensation cabinet)	ASTM D5894
3	CHEMICAL- CORROSION TESTS	Painted /Coated Panels	Resistance to humidity - in condensation - water atmospheres	ISO 6270 Part 2 Test atmosphere CH
4	CHEMICAL- CORROSION TESTS	Painted /Coated Panels	Resistance to humidity under conditions of condensation	IS 101 Part 6 / sec 1
5	CHEMICAL- CORROSION TESTS	Painted /Coated Panels	Resistance to liquids - Part 1 Immersion in liquids other than water	ISO 2812 - 1 Method A
6	CHEMICAL- PAINTS & SURFACE COATING	Drying oils	identification of fatty acid composition of oils by GC	ASTM D2245
7	CHEMICAL- PAINTS & SURFACE COATING	Exterior Paints & enamels	Degree of checking of exterior paints	ASTM D660
8	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Abrasion resistance of organic coatings by the Taber abraser method	ASTM D4060
9	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Block resistance of architectural paints	ASTM D4946
10	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Consistency of paints in Krebs unit by Stormer type viscometer	ASTM D562 Method B
11	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Contrast ratio of dry paint films by reflectometry	ASTM D2805
12	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Degree of blistering on painted steel surface	ASTM D714
13	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Density of liquid coatings	ASTM D1475
14	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Diuron content in leachates from paint films	APTM/RM/ILC-001 v1
15	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Estimation of volatile organic content (VOC) in paints	ASTM D6886
16	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Film hardness by pencil test	ASTM D3363

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17	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Fineness of dispersion of pigment - vehicle systems by Hegmann type gauge	ASTM D1210
18	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Freeze thaw resistance of water borne coatings	ASTM D2243
19	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Lead content in paint films	ASTM E1613
20	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Leveling of paints by drawdown method (laneta leveling)	ASTM D4062
21	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Mandrel bend test of attached organic coatings	ASTM D522
22	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Measuring adhesion by tape test	ASTM D3359 Method B
23	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Metalic zinc content in paint films by Differential Scanning Calorimeter method	ASTM D6580
24	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Paint composition by thermogravimetric analyser (High volatiles-water or solvents, Medium volatiles-Coalescing agents, combustibles-Organic matter, polymers & Ash-inorganic residue)	ASTM E1131
25	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	pH of paints	ASTM E70
26	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Pull-off test for adhesion of coatings	ISO 4624
27	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance of organic coatings to effect of rapid deformation (impact test)	ASTM D2794
28	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Sag resistance of paints using a multinotch applicator	ASTM D4400
29	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Scrub resistance of wall paints	ASTM D2486
30	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Specular Gloss	ASTM D523
31	CHEMICAL- PAINTS & SURFACE COATING	Solvents & thinners	Total aromatic contents in mineral spirits by Gas Chromatograph	ASTM D3257

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32	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Glass transition temperature of polymers by Differential Scanning Calorimeter	ASTM E1356
33	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Molecular weight distribution of polymers used in paints	APTM/RM/IGPC-01 Version 1
34	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Total formaldehyde content in emulsion polymers by HPLC	APTM/RM/ILC-002 Version 1
35	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Unreacted monomer content in emulsion polymers	ASTM D4827