

BUREAU OF INDIAN STANDARDS

Program of Work

CHD 20 : Paints, Varnishes And Related Products

Scope: a) To formulate Indian Standards for terminology, methods of sampling and tests, codes of practice and specifications on paints (including industrial paints - inorganic, organic, hybrid), varnishes and related. b) To coordinate with ISO/TC 35

Liaison: **ISO TC-35 (P):** *Paints and varnishes* **ISO TC-35 SC-12 (O):** *Preparation of steel substrates before application of paints and related products* **ISO TC-35 SC-16 (O):** *Chemical analysis* **ISO TC-35 SC-9 (P):** *General test methods for paints and varnishes*

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|---|--|---------------|-------------|--------------------------------|
| 1 | IS 10018 : 1981 <i>Reviewed In : 2019</i> | Specification for lacquer, cellulose nitrate, clear, finishing, glossy for wood | May, 2019 | - | Indigenous |
| 2 | IS 101 (Part 1/Sec 1) : 2023 | Methods of sampling and test for paints, varnishes and related products : Part 1 tests on liquid paints (general and physical): Sec 1 sampling (Fourth Revision) | | - | Indigenous |
| 3 | IS 101 (Part 1/Sec 2) : 2023 ISO 1513 : 2010 <i>ISO 1513 : 2010</i> | Methods of sampling and test for paints, varnishes and related products : Part 1 test on liquid paints (general and physical) : Sec 2 preliminary examination and preparation of samples for testing (Fourth Revision) | | - | Identical under dual numbering |
| 4 | IS 101 (Part 1/Sec 3) : 1986 <i>Reviewed In : 2022</i> | Methods of sampling and test for paints, varnishes and related products: Part 1 tests on liquid paints (general and physical): Sec 3 preparation of panels | May, 2022 | 1 | Indigenous |
| 5 | IS 101 (Part 1/Sec 4) : 1987 <i>Reviewed In : 2024</i> | Methods of sampling and test for paints, varnishes and related products: Part 1 tests on liquid paints (general and physical): Sec 4 brushing test (Third Revision) | January, 2024 | - | Indigenous |
| 6 | IS 101 (Part 1/Sec 5) : 2024 | Methods of sample and test for paints varnishes and related products : Part 1 test on liquid paints (general and physical) : Sec 5 consistency (Fourth Revision) | | - | Indigenous |
| 7 | IS 101 (Part 1/Sec 5) : 1989 <i>Reviewed In : 2019</i> | Methods of sampling and test for paints, varnishes and related products: Part 1 tests on liquid paints (general and physical): Sec 5 | May, 2019 | 2 | Indigenous |

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| | | consistency (Third Revision) | | | |
| 8 | IS 101 (Part 1/Sec 6) : 1987 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 1 tests on liquid paints (general and physical): Sec 6 flash point (Third Revision) | May, 2019 | - | Indigenous |
| 9 | IS 101 (Part 1/Sec 7) : 2020 ISO 2811-1 : 2016 ISO 2811-1 | Methods of sampling and test for paints, varnishes and related products : Part 1 test on liquid paints (general and physical) : Sec 7 mass per 10 litres - determination of density - pycnometer method (Fourth Revision) | - | - | Identical under dual numbering |
| 10 | IS 101 (Part 1/Sec 8) : 2022 ISO 787-9 : 2019 ISO 787-9 : 2019 | Methods of sampling and test for paints varnishes and related products : Part 1 test on liquid paints (general and physical) : Sec 8 pigments and extenders determination of pH value of an aqueous suspension (First Revision) | | - | Identical under dual numbering |
| 11 | IS 101 (Part 2/Sec 1) : 2018 Reviewed In : 2023 | Methods of sampling and test for paints, varnishes and related products: Part 2 test on liquid paints (chemical examination): Sec 1 water content (Fourth Revision) | August, 2023 | - | Indigenous |
| 12 | IS 101 (Part 2/Sec 2) : 1986 Reviewed In : 2022 | Methods of sampling and test for paints, varnishes and related products: Part 2 test on liquid paints (chemical examination): Sec 2 volatile matter (Third Revision) | May, 2022 | 1 | Indigenous |
| 13 | IS 101 (Part 2/Sec 3) : 2015 ISO 11890-1 : 2007 Reviewed In : 2020 ISO 11890-1 | Methods of sampling and test for paints, varnishes and related products: Part 2 test on liquid paints (chemical examination): Sec 3 determination of volatile organic compound (VOC) content - Difference method | December, 2020 | - | Identical under dual numbering |
| 14 | IS 101 (Part 2/Sec 4) : 2022 ISO 11890-2 : 2020 ISO 11890-2 : 2020 | Methods of sampling and test for paints varnishes and related products: Part 2 test on liquid paints chemical examination : Sec 4 determination of volatile organic compound voc and or semi volatile organic compounds svoc content gas-chromatographic (First Revision) | | - | Identical under dual numbering |
| 15 | IS 101 (Part 2/Sec 5) : 2017 ISO 17895 : 2005 Reviewed In : 2022 ISO 17895 : | Methods of sampling and test for paints, varnishes and related products: Part 2 test on liquid paints (chemical examination): Sec 5 determination of volatile organic compound content of low-VOC emulsion paints (In-Can VOC) | May, 2022 | - | Identical under dual numbering |
| 16 | IS 101 (Part 3/Sec 1) : 1986 Reviewed In : 2022 | Methods of sampling and test for paints, varnishes and related products: Part 3 tests on paint film formation: Sec 1 drying time (Third Revision) | May, 2022 | 2 | Indigenous |

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| 17 | IS 101 (Part 3/Sec 2) : 1989 Reviewed In : 2019 | Methods of sampling and tes for paints, varnishes and related products: Part 3 tests on paint film formation: Sec 2 film thickness (Third Revision) | May, 2019 | - | Indigenous |
| 18 | IS 101 (Part 3/Sec 4) : 1987 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 3 tests on paint film formation: Sec 4 finish (Third Revision) | May, 2019 | 3 | Indigenous |
| 19 | IS 101 (Part 3/Sec 5) : 2022 ISO 1524 : 2020 ISO 1524 : 2020 | Method of sampling and test of paints varnishes and related products : Part 3 test on paint film formation : Sec 5 determination of fineness of grind (Fifth Revision) | | - | Identical under dual numbering |
| 20 | IS 101 (Part 4/Sec 1) : 1988 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 4 optical test: Sec 1 opacity (Third Revision) | May, 2019 | - | Indigenous |
| 21 | IS 101 (Part 4/Sec 2) : 2021 3668 ISO 3668: 2017 | Methods of sampling and test for paints varnishes and related products: Part 4 optical tests: Sec 2 colour-visual comparison of colour of paints (Fourth Revision) | | - | Identical under dual numbering |
| 22 | IS 101 (Part 4/Sec 3) : 1988 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 4 optical tests: Sec 3 light fastness test (Third Revision) | May, 2019 | - | Indigenous |
| 23 | IS 101 (Part 4/Sec 4) : 2020 ISO 2813 : 2014 ISO 2813: 2014 | Methods of Sampling and Test for Paints, Varnishes and Related Products : Part 4 optical test : Sec 4 gloss - determination of gloss value at 20° \pm 1/2, 60° \pm 1/2 and 85° \pm 1/2 (Fourth Revision) | - | - | Identical under dual numbering |
| 24 | IS 101 (Part 5/Sec 1) : 1988 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 5 mechanical test on paint films: Sec 1 hardness tests (Third Revision) | May, 2019 | - | Indigenous |
| 25 | IS 101 (Part 5/Sec 2) : 1988 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 5 mechanical tests: Sec 2 flexibility and adhesion (Third Revision) | May, 2019 | 3 | Indigenous |
| 26 | IS 101 (Part 5/Sec 3) : 2019 ISO 6272-1 : 2011 Reviewed In : 2024 ISO 6272-1 : 2011 | Methods of sampling and test for paints, varnishes and related products: Part 5 mechanical tests: Sec 3 impact resistance - falling - weight test, large - Area indenter (Fifth Revision) | March, 2024 | - | Identical under dual numbering |
| 27 | IS 101 (Part 5/Sec 4) : 1988 Reviewed In : 2020 | Methods of sampling and test for paints, varnishes and related products: Part 5 Mechanical tests: Sec 4 Print free test (Third Revision) | December, 2020 | - | Indigenous |
| 28 | IS 101 (Part 5/Sec 5) : 2019 ISO 6272-2 : 2011 Reviewed In : 2023 | Methods of sampling and test for paints, varnishes and related products: Part 5 Mechanical tests: Sec 5 Impact resistance - Falling - | July, 2023 | - | Identical under dual numbering |

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| | ISO 6272-2 : 2011 | weight test, small - area indenter | | | |
| 29 | IS 101 (Part 6/Sec 1) : 1988 Reviewed In : 2020 | Methods of sampling and test for paints, varnishes and related products: Part 6 durability tests: Sec 1 resistance to humidity under conditions of condensation (Third Revision) | December, 2020 | 3 | Indigenous |
| 30 | IS 101 (Part 6/Sec 2) : 1989 Reviewed In : 2019 | Methods of sampling and test for varnishes and related products: Part 6 durability test on paint films: Sec 2 keeping properties (Third Revision) | May, 2019 | - | Indigenous |
| 31 | IS 101 (Part 6/Sec 3) : 1990 Reviewed In : 2020 | Methods of sampling and test for paints, varnishes and related products: Part 6 durability tests on paint films: Sec 3 moisture vapour permeability (Third Revision) | December, 2020 | - | Indigenous |
| 32 | IS 101 (Part 6/Sec 4) : 1991 Reviewed In : 2022 | Methods of sampling and test for paints, varnishes and related products: Part 6 durability tests on paint films: Sec 4 degradation of coatings (pictorial aids for evaluation) (Third Revision) | May, 2022 | - | Indigenous |
| 33 | IS 101 (Part 6/Sec 5) : 1997 Reviewed In : 2022 | Method of sampling and test for paints, varnishes and related products: Part 6 durability test on Paint films: Sec 5 accelerated weathering test | May, 2022 | - | Indigenous |
| 34 | IS 101 (Part 7/Sec 1) : 1989 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 7 environmental tests on paint films: Sec 1 resistance to water (Third Revision) | May, 2019 | - | Indigenous |
| 35 | IS 101 (Part 7/Sec 2) : 1990 Reviewed In : 2020 ISO 2812-1 | Methods of sampling and test for paints, varnishes and related products: Part 7 environmental tests on paint films: Sec 2 resistance to liquids (Third Revision) | December, 2020 | 1 | Not Equivalent |
| 36 | IS 101 (Part 7/Sec 3) : 2020 ISO 3240 : 2016 ISO 3248 : 2016 | Methods of sampling and test for paints, varnishes and related products: Part 7 environmental tests on paint films: Sec 3 determination of the effect of heat (Fourth Revision) | - | - | Identical under dual numbering |
| 37 | IS 101 (Part 7/Sec 4) : 1990 Reviewed In : 2022 | Methods of sampling and test for paints, varnishes and related products: Part 7 environmental tests on paint films: Sec 4 resistance to bleeding of pigments (Third Revision) | May, 2022 | 1 | Indigenous |
| 38 | IS 101 (Part 8/Sec 1) : 1989 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 8 tests for pigments and other solids: Sec 1 residue on sieve (Third Revision) | May, 2019 | - | Indigenous |
| 39 | IS 101 (Part 8/Sec 2) : 1990 | Methods of sampling and test for paints, varnishes and related | May, 2022 | 4 | Indigenous |

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| | Reviewed In : 2022 | products: Part 8 tests for pigments and other solids: Sec 2 pigments and non - volatile matter (Third Revision) | | | |
| 40 | IS 101 (Part 8/Sec 3) : 1993 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 8 tests for pigments and other solids: Sec 3 ash content (Third Revision) | May, 2019 | - | Indigenous |
| 41 | IS 101 (Part 8/Sec 4) : 2015 Reviewed In : 2020 | Methods of sampling and test for paints, varnishes and related products: Part 8 tests for pigments and other solids: Sec 4 phthalic anhydride (Fourth Revision) | December, 2020 | - | Indigenous |
| 42 | IS 101 (Part 8/Sec 5) : 2022 | Methods of sampling and test for paints varnishes and related products : Part 8 tests for pigments and other solids : Section 5 lead restriction Test (Fourth Revision) | | - | Indigenous |
| 43 | IS 101 (Part 8/Sec 6) : 1993 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 8 tests for pigments and other solids: Sec 6 volume solids | May, 2019 | - | Indigenous |
| 44 | IS 101 (Part 9/Sec 1) : 1993 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and related products: Part 9 tests for lacquers and varnish: Sec 1 acid value (Third Revision) | May, 2019 | - | Indigenous |
| 45 | IS 101 (Part 9/Sec 2) : 1993 Reviewed In : 2019 | Methods of sampling and test for paints, varnishes and products: Part 9 tests for lacquers and varnish: Sec 2 rosin test (Third Revision) | May, 2019 | - | Indigenous |
| 46 | IS 101 (Part 10/Sec 1) : 2022 ISO 13320 : 2020 ISO 13320 : 2020 | Methods of sampling and test for paints varnishes and related products : Part 10 instrumental analysis : Sec 1 particle size analysis- laser diffraction methods (First Revision) | | - | Identical under dual numbering |
| 47 | IS 101 (Part 10/Sec 2) : 2018 ISO 16773-1 : 2016 Reviewed In : 2023 ISO 16773-1:2016 | Methods of sampling and test for paints varnishes and related products: Part 10 instrumental analysis: Sec 2 electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Terms and definitions | March, 2023 | - | Identical under dual numbering |
| 48 | IS 101 (Part 10/Sec 3) : 2018 ISO 16773-2 : 2016 Reviewed In : 2023 ISO 16773-2:2016 | Methods of sampling and test for paints varnishes and related products: Part 10 instrumental analysis: Sec 3 electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Collection of data | March, 2023 | - | Identical under dual numbering |
| 49 | IS 101 (Part 10/Sec 4) : 2018 ISO 16773-3 : 2016 Reviewed In : 2023 ISO 16773-3:2016 | Methods of sampling and test for paints varnishes and related products: Part 10 instrumental analysis: Sec 4 electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic | March, 2023 | - | Identical under dual numbering |

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| | | specimens - Processing and analysis of data from dummy cells | | | |
| 50 | IS 101 (Part 10/Sec 5) : 2018 ISO 16773-4 : 2017 Reviewed In : 2023 ISO 16773-4 | Methods of sampling and test for paints varnishes and related products: Part 10 instrumental analysis: Sec 5 electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Examples of spectra of polymer - Coated and uncoated specimens | August, 2023 | - | Identical under dual numbering |
| 51 | IS 104 : 2017 Reviewed In : 2022 | Specification for ready mixed paint, brushing, zinc chrome, priming (Third Revision) | March, 2022 | - | Indigenous |
| 52 | IS 109 : 2017 Reviewed In : 2022 | Specification for ready mixed paint, finishing, priming, plaster, to indian standard colour no. 361 light stone and no. 631 light grey, white and off - White (Second Revision) | June, 2022 | - | Indigenous |
| 53 | IS 110 : 2017 Reviewed In : 2022 | Ready mixed paint, brushing, grey filler, for enamels for use over primers - Specification (Third Revision) | March, 2022 | - | Indigenous |
| 54 | IS 11883 : 2017 Reviewed In : 2022 | Ready mixed paint, brushing, red oxide, priming for metals specification (First Revision) | March, 2022 | - | Indigenous |
| 55 | IS 12744 (Part 1) : 2013 Reviewed In : 2018 | Ready mixed paint, air drying, red oxide - zinc phosphate, priming - Specification : Part 1 for domestic and decorative applications (First Revision) | | 1 | Indigenous |
| 56 | IS 1303 : 1983 Reviewed In : 2022 | Glossary of terms relating to paints (Second Revision) | May, 2022 | 1 | Indigenous |
| 57 | IS 13183 : 1991 Reviewed In : 2020 | Aluminium paint, heat resistant - Specification | December, 2020 | 2 | Indigenous |
| 58 | IS 13184 : 1991 Reviewed In : 2020 | Mastic filler, epoxy based - Specification | December, 2020 | - | Indigenous |
| 59 | IS 13213 : 2018 Reviewed In : 2023 | Polyurethane full gloss enamel (Two Pack) - Specification (First Revision) | January, 2023 | 1 | Indigenous |
| 60 | IS 13238 : 2021 | Epoxy based zinc phosphate primer two pack - Specification (First Revision) | | - | Indigenous |
| 61 | IS 13239 : 2016 Reviewed In : 2021 | Epoxy surfacer (Two Pack) - Specification (First Revision) | December, 2021 | - | Indigenous |
| 62 | IS 133 (Part 1) : 2023 | Enamel interior - undercoating and finishing - Specification (Sixth Revision) | | - | Indigenous |
| 63 | IS 13607 : 1992 Reviewed In : 2019 | Ready mixed paint, finishing, general purposes, synthetic - Specification | May, 2019 | 2 | Indigenous |
| 64 | IS 137 : 2017 Reviewed In : 2022 | Ready mixed paint, brushing, matt or eggshell flat, finishing, interior to indian standard colour as required - Specification (Second Revision) | March, 2022 | - | Indigenous |
| 65 | IS 13759 : 2017 | Polyurethane primer, zinc phosphate (Two - Pack) for | February, 2022 | - | Indigenous |

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| | Reviewed In : 2022 | exterior painting of railway coaches - Specification (First Revision) | | | |
| 66 | IS 13798 : 1993 Reviewed In : 2019 | Polyurethane base knifing filler (Two Pack) for exterior painting of railway coaches - Specification | May, 2019 | 2 | Indigenous |
| 67 | IS 13799 : 2016 Reviewed In : 2021 | Polyurethane Base Surfacer (Two Pack) for Exterior Painting of Railway Coaches - Specification | December, 2021 | - | Indigenous |
| 68 | IS 138 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Ready mixed paint, marking, for packages and petrol containers - Specification (Fourth Revision) | July, 2023 | - | Indigenous |
| 69 | IS 13871 : 2021 | Powder coating - Specification | | - | Indigenous |
| 70 | IS 139 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Ready mixed paint, marking, quick drying, for marking with rubber stamps - Specification (Third Revision) | April, 2023 | - | Indigenous |
| 71 | IS 140 : 2015 Reviewed In : 2020 | Ready mixed paint, exterior, petrol resisting, air drying - Specification (Second Revision) | December, 2020 | - | Indigenous |
| 72 | IS 1419 : 1989 Reviewed In : 2019 | Antifouling paint, brushing, for ships bottom and hulls - Specification (Second Revision) | May, 2019 | 1 | Indigenous |
| 73 | IS 142 : 2017 Reviewed In : 2022 | Specification for ready mixed paint, exterior, petrol resisting, stoving (Second Revision) | May, 2022 | - | Indigenous |
| 74 | IS 14209 : 2016 Reviewed In : 2021 | Epoxy enamel, two component, glossy - Specification (First Revision) | February, 2021 | - | Indigenous |
| 75 | IS 14314 : 1995 Reviewed In : 2022 | Thinner, general purpose, for synthetic paints and varnishes - Specification | May, 2022 | - | Indigenous |
| 76 | IS 144 : 1950 Reviewed In : 2019 | Specification for ready mixed paint, brushing, petrol resisting, air - Drying, for interior painting of tanks and container & red oxide (Colour Unspecified) | May, 2019 | 3 | Indigenous |
| 77 | IS 145 : 1950 Reviewed In : 2019 | Specification for ready mixed paint, slushing, petrol resisting, air - Drying, for interior painting of tanks and - Containers, red oxide, (Colour Unspecified) | May, 2019 | 4 | Indigenous |
| 78 | IS 14506 : 1998 Reviewed In : 2019 | Epoxy redoxide zinc phosphate weldable primer,two component - Specification | May, 2019 | 1 | Indigenous |
| 79 | IS 14589 : 1999 Reviewed In : 2019 | Zinc priming paint, epoxy based, two - Pack - Specification | May, 2019 | - | Indigenous |
| 80 | IS 146 : 1950 Reviewed In : 2019 | Specification for ready mixed paint, brushing, petrol resisting, stoving, for interior painting of tanks and containers, red oxide (Colour Unspecified) | May, 2019 | 2 | Indigenous |
| 81 | IS 147 : 1950 | Specification for ready mixed | May, 2019 | 2 | Indigenous |

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| | Reviewed In : 2019 | paint, slushing, petrol resisting, stoving for interior painting of tanks and containers, red oxide (Colour Unspecified) | | | |
| 82 | IS 14946 : 2001 Reviewed In : 2022 | Zinc ethyl silicate primer, two components - Specification | May, 2022 | - | Indigenous |
| 83 | IS 14947 : 2001 Reviewed In : 2022 | Enamel synthetic, oil resistant, air drying - Specification | May, 2022 | - | Indigenous |
| 84 | IS 14948 : 2001 Reviewed In : 2022 | Paint coal tar epoxy, two pack, black and brown (Base and Hardner) - Specification | May, 2022 | - | Indigenous |
| 85 | IS 150 : 1950 Reviewed In : 2020 | Specification for ready mixed paint, brushing, finishing, stoving, enamel, colour as required | December, 2020 | 3 | Indigenous |
| 86 | IS 151 : 2017 Reviewed In : 2022 | Ready mixed paint, spraying, finishing, stoving, enamel for general purposes, colour as required - Specification (Second Revision) | May, 2022 | - | Indigenous |
| 87 | IS 15489 : 2013 Reviewed In : 2023 | Paint, plastic emulsion - Specification (First Revision) | March, 2023 | 1 | Indigenous |
| 88 | IS 158 : 2015 Reviewed In : 2020 | Ready mixed paint, brushing, bituminous, black, acid, alkali and heat resisting - Specification (Fourth Revision) | December, 2020 | - | Indigenous |
| 89 | IS 159 : 1981 Reviewed In : 2024 | Specification for ready mixed paint, brushing, acid resisting (First Revision) | May, 2024 | 1 | Indigenous |
| 90 | IS 16239 : 2021 | Polyurethane Matt Finish (TWO PACK) - Specification | | - | Indigenous |
| 91 | IS 16361 : 2015 Reviewed In : 2020 | Thermoplastic polymer based coatings: (A) undercoating (B) finishing - Specification | December, 2020 | 1 | Indigenous |
| 92 | IS 164 : 2015 Reviewed In : 2020 | Ready mixed paint for road marking - Specification (Second Revision) | December, 2020 | - | Indigenous |
| 93 | IS 164 : 2023 | Ready mixed paint for road marking - Specification (Third Revision) | | - | Indigenous |
| 94 | IS 16676 : 2017 Reviewed In : 2022 | Solventless liquid epoxy system for application on interior and exterior surfaces of steel water pipeline - Specification | December, 2022 | - | Indigenous |
| 95 | IS 16719 : 2022 | Solvent free polyurethane coatings for exterior of steel pipe & fittings - Specification (First Revision) | | - | Indigenous |
| 96 | IS 168 : 2016 Reviewed In : 2021 | Ready mixed paint, air drying for general purpose - Specification (Fourth Revision) | October, 2021 | 2 | Indigenous |
| 97 | IS 16942 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Silicone soya alkyd exterior paint - Specification | December, 2023 | - | Indigenous |
| 98 | IS 16943 : 2019 | Two components high build epoxy micaceous iron oxide (MIO) pigmented intermediate coat - Specification | | - | Indigenous |

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| 99 | IS 16944 : 2018 | Two components high build epoxy titanium dioxide (TiO ₂) pigmented intermediate coat - Specification | | - | Indigenous |
| 100 | IS 17044 : 2018 Reviewed In : 2023 | Intumescent fire retardant paint (Water Based) - Specification | September, 2023 | - | Indigenous |
| 101 | IS 17072 : 2019 | Non plastic, biodegradable polymer based paper coating chemical | | - | Indigenous |
| 102 | IS 17218 : 2019 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Solar Thermo-Reflective Exterior Coating for Cooling of Roof Top | March, 2024 | - | Indigenous |
| 103 | IS 17545 : 2021 | White cement based polymeric putty | | - | Indigenous |
| 104 | IS 1874 : 2018 Reviewed In : 2019 | Ready mixed paint, universal, zinc chrome, priming (Synthetic) for light alloys - Specification (Second Revision) | May, 2019 | - | Indigenous |
| 105 | IS 18751 : 2024 | POLYMER COATED INNER TANKS FOR STORAGE WATER HEATER $\frac{1}{2}$ SPECIFICATION | | - | Indigenous |
| 106 | IS 198 : 1978 Reviewed In : 2019 | Specification for varnish, gold size (First Revision) | May, 2019 | 2 | Indigenous |
| 107 | IS 2074 : 2015 Reviewed In : 2020 | Ready mixed paint, air drying, red oxide - Zinc chrome, priming - Specification (Third Revision) | December, 2020 | 2 | Indigenous |
| 108 | IS 2074 : 2023 | Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming -Specification (Fourth Revision) | | 1 | Indigenous |
| 109 | IS 2075 : 2017 Reviewed In : 2022 | Ready mixed paint, stoving, red oxide zinc chrome, priming - Specification (Third Revision) | May, 2022 | - | Indigenous |
| 110 | IS 2339 : 2013 Reviewed In : 2023 | Aluminium paints for general purposes - Specification (First Revision) | March, 2023 | - | Indigenous |
| 111 | IS 2932 : 2013 Reviewed In : 2018 | Enamel, synthetic, exterior: (a) Undercoating (b) Finishing - Specification : Part 1 For domestic and decorative applications (Fourth Revision) | | 1 | Indigenous |
| 112 | IS 2933 (Part 1) : 2013 Reviewed In : 2018 | Enamel, exterior: (A) undercoating (B) finishing - Specification: Part 1 for domestic and decorative applications (Second Revision) | | 1 | Indigenous |
| 113 | IS 337 : 1975 Reviewed In : 2019 | Specification for varnish, finishing, interior (First Revision) | May, 2019 | - | Indigenous |
| 114 | IS 341 : 2016 Reviewed In : 2021 | Black japan, types a, b and c - Specification (Second Revision) | December, 2021 | - | Indigenous |
| 115 | IS 344 : 2023 | Varnish stoving - Specification (Second Revision) | | - | Indigenous |
| 116 | IS 347 : 2023 | Varnish shellac for general purposes - Specification (Second Revision) | | - | Indigenous |
| 117 | IS 348 : 1968 Reviewed In : 2019 | Specification for french polish (First Revision) | May, 2019 | 1 | Indigenous |

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| 118 | IS 3536 : 2016 Reviewed In : 2021 | Ready mixed paint, brushing, wood primer - Specification (Second Revision) | December, 2021 | - | Indigenous |
| 119 | IS 3537 : 2017 Reviewed In : 2022 | Ready mixed paint, finishing, interior, for general purposes, to indian standard colours - Specification (First Revision) | September, 2022 | - | Indigenous |
| 120 | IS 3539 : 1966 Reviewed In : 2019 | Specification for ready mixed paint, undercoating, for use under oil finishes, to indian standard colours, as required | May, 2019 | 3 | Indigenous |
| 121 | IS 3585 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Ready mixed paint, aluminium, brushing, priming, water resistant for woodwork - Specification (First Revision) | July, 2023 | - | Indigenous |
| 122 | IS 3678 : 2016 Reviewed In : 2021 | Ready mixed paint, thick white, for lettering - Specification (First Revision) | December, 2021 | - | Indigenous |
| 123 | IS 3709 : 1966 Reviewed In : 2019 | Specification for mastic cement for bedding of metal windows | May, 2019 | - | Indigenous |
| 124 | IS 419 : 1967 Reviewed In : 2019 | Specification for putty, for use on window frames (First Revision) | May, 2019 | 5 | Indigenous |
| 125 | IS 419 : 2023 | Putty for use on window frames - Specification (Second Revision) | | - | Indigenous |
| 126 | IS 423 : 1961 Reviewed In : 2019 | Specification for Plastic wood for joiners filler (Revised) | May, 2019 | - | Indigenous |
| 127 | IS 427 : 2013 Reviewed In : 2023 | Distemper, dry, colour as required - Specification (Third Revision) | September, 2023 | - | Indigenous |
| 128 | IS 428 : 2013 Reviewed In : 2018 | Washable distemper - Specification (Third Revision) | | - | Indigenous |
| 129 | IS 430 : 1972 Reviewed In : 2019 | Specification for paint remover, solvent type, non - Flammable (Second Revision) | May, 2019 | 1 | Indigenous |
| 130 | IS 431 : 1972 Reviewed In : 2019 | Specification for paint remover, solvent type, flammable (Second Revision) | May, 2019 | 1 | Indigenous |
| 131 | IS 5 : 2007 Reviewed In : 2022 | Colours for ready mixed paints and enamels (Sixth Revision) | May, 2022 | - | Indigenous |
| 132 | IS 5083 : 2023 | Knifing stopper for railway coaches-Specification (Third Revision) | | - | Indigenous |
| 133 | IS 524 : 1983 Reviewed In : 2020 | Specification for varnish, finishing, exterior, synthetic, air - drying (Second Revision) | December, 2020 | - | Indigenous |
| 134 | IS 525 : 1968 Reviewed In : 2019 | Specification for varnish, finishing, exterior and general purposes (First Revision) | May, 2019 | 1 | Indigenous |
| 135 | IS 5410 : 2013 Reviewed In : 2018 | Cement paint - Specification (Second Revision) | | 1 | Indigenous |
| 136 | IS 5661 : 2023 | Packing and marking of packages of paints, enamels, varnishes and allied products - Code of practice (First Revision) | | - | Indigenous |
| 137 | IS 5666 : 1970 Reviewed In : 2019 | Specification for etch (Pretreatment) primer | May, 2019 | 1 | Indigenous |
| 138 | IS 5667 : 1970 Reviewed In : 2020 | Specification for thinner for cellulose nitrate based paints and | December, 2020 | 1 | Indigenous |

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| | | lacquers | | | |
| 139 | IS 5691 : 1970 Reviewed In : 2021 | Specification for lacquer, cellulose nitrate, pigmented, finishing, glossy | October, 2021 | 1 | Indigenous |
| 140 | IS 6125 : 2017 Reviewed In : 2022 | Enamel, synthetic, stoving, for automobiles - Specification (First Revision) | June, 2022 | - | Indigenous |
| 141 | IS 6126 : 1971 Reviewed In : 2020 | Specification for nitrocellulose surfacer | December, 2020 | - | Indigenous |
| 142 | IS 6127 : 2023 | Varnish spar and fungicidal - specification (First Revision) | | - | Indigenous |
| 143 | IS 6667 : 1972 Reviewed In : 2022 | Glossary of terms used in synthetic resin industry | May, 2022 | - | Indigenous |
| 144 | IS 6714 : 1989 Reviewed In : 2019 | Ready mixed paint, finishing, non-slip, deck - Specification (First Revision) | May, 2019 | 1 | Indigenous |
| 145 | IS 6947 (Part 1) : 1973 Reviewed In : 2019 | Methods of estimation of composite pigments in oil pastes and ready mixed paints: Part 1 estimation of lead, zinc oxide, titanium dioxide, calcium compounds and zinc sulphide | May, 2019 | 1 | Indigenous |
| 146 | IS 6947 (Part 2) : 1975 Reviewed In : 2019 | Methods of estimation of composite pigments in oil pastes, ready mixed paints and enamels: Part 2 estimation of zinc chromes, ferric oxide and aluminium | May, 2019 | - | Indigenous |
| 147 | IS 6947 (Part 3) : 1975 Reviewed In : 2019 | Methods of estimation of composite pigments in oil pastes, ready mixed paints and enamels: Part 3 Estimation of lead chromes, iron blues and zinc compounds | May, 2019 | 1 | Indigenous |
| 148 | IS 6948 : 1973 Reviewed In : 2020 | Specification for ready mixed paint, undercoat, synthetic for ships | December, 2020 | 2 | Indigenous |
| 149 | IS 6951 : 1973 Reviewed In : 2020 | Specification for ready mixed paint, finishing, exterior, for ships | December, 2020 | 1 | Indigenous |
| 150 | IS 7164 : 1973 Reviewed In : 2019 | Specification for stopper | May, 2019 | - | Indigenous |
| 151 | IS 8098 (Part 1) : 2023 | Finishing of automobile bodies - Code of practice : Part 1 finishing of passenger cars (First Revision) | | - | Indigenous |
| 152 | IS 8098 (Part 2) : 2023 | Finishing of automobile bodies - Code of practice : Part 2 refinishing of passenger cars (First Revision) | | - | Indigenous |
| 153 | IS 8662 : 2024 | Enamel, synthetic - undercoating and finishing for exterior of railway coaches - Specification (Third Revision) | | - | Indigenous |
| 154 | IS 8982 : 2019 | Ready mixed paint, finishing, air-drying for war equipment - Specification (Second Revision) | - | - | Indigenous |
| 155 | IS 8983 : 2018 | Ready mixed paint, finishing, stoving for war equipment - Specification (First Revision) | | - | Indigenous |
| 156 | IS 9034 : 2018 Reviewed In : 2023 | Enamel, synthetic, exterior, air drying, for use on primed surfaces of motor vehicles and other | July, 2023 | - | Indigenous |

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|-----|--|---|-------------|---|------------|
| | Decision taken to Reaffirm and Archive | equipment - Specification (First Revision) | | | |
| 157 | IS 9862 : 2017 Reviewed In : 2022 | Specification for ready mixed paint, brushing, bituminous, black, acid, alkali, water and chlorine resisting (First Revision) | March, 2022 | - | Indigenous |

Standards under Development

Projects Approved

| SI. No. | Doc No. | Title |
|---------|----------------|---|
| 1 | CHD 20 (25121) | POLYMER COATED INNER TANKS FOR STORAGE WATER HEATER SPECIFICATION |

Preliminary Draft Standards

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Drafts Standards in WC Stage

| SI. No. | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> | | |

Draft Standards Completed WC Stage

| SI. No. | Doc No. | Title |
|---------|----------------|--|
| 1 | CHD 20 (25259) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 1 General introduction and designation system |
| 2 | CHD 20 (25261) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 2 Assessment of degree of blistering |
| 3 | CHD 20 (25263) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 4 Assessment of degree of cracking |
| 4 | CHD 20 (25264) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 5 Assessment of degree of flaking |
| 5 | CHD 20 (25267) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 6 Assessment of degree of chalking by tape method |
| 6 | CHD 20 (25269) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 7 Assessment of degree of chalking by velvet method |
| 7 | CHD 20 (25419) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings Designation of quantity and size of defects and of intensity of uniform changes in appearance Sec 8 Assessment of degree of delamination and corrosion around a scribe or other artificial defect |
| 8 | CHD 20 (25427) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS Part 11 Evaluation of quantity and size of defects and of intensity of uniform changes in appearance Sec 10 Assessment of degree of filiform corrosion |
| 9 | CHD 20 (25438) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 11 Evaluation of degradation of coatings designation of quantity and size of |

defects and of intensity of uniform changes in appearance Sec 3 Assessment of degree of rusting

Finalized Draft Indian Standard

| Sl. No. | Doc No. | Title |
|---------|--|--|
| 1 | CHD 20 (20627) Revision of: IS 524:1983 | VARNISH FINISHING AND GENERAL PURPOSE - SPECIFICATION Third Revision |
| 2 | CHD 20 (21296) Revision of: IS 1303:1983 | GLOSSARY OF TERMS RELATING TO PAINTS Third Revision |

Finalized Draft Indian Standards under Print

| Sl. No. | Doc No. | Title |
|---------|---|---|
| 1 | CHD 20 (23715) | METHODS OF SAMPLING AND TEST OF PAINTS VARNISHES AND RELATED PRODUCTS PART 3 TEST ON PAINT FILM FORMATION Section 6 Determination of the Surface Tension of Liquid Using the Pendant Drop Method |
| 2 | CHD 20 (23791) Revision of: IS 101:1987 | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS Part 1 Tests on Liquid Paints General and Physical Section 4 Brushing Test Fourth Revision |
| 3 | CHD 20 (23876) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 5 MECHANICAL TESTS SEC 6 Determination of resistance to abrasion by abrasive-paper covered wheels and rotating test specimen |
| 4 | CHD 20 (23878) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 5 MECHANICAL TESTS SEC 7 Determination of resistance to abrasion by abrasive rubber wheels and rotating test specimen |
| 5 | CHD 20 (23879) | METHODS OF SAMPLING AND TEST FOR PAINTS VARNISHES AND RELATED PRODUCTS PART 5 MECHANICAL TESTS SEC 8 Determination of resistance to abrasion by abrasive-paper covered wheel and linearly reciprocating test specimen |
| 6 | CHD 20 (24048) Revision of: IS 15489:2013 | Paint Plastic Emulsion Specification Second Revision |
| 7 | CHD 20 (24194) Revision of: IS 159:1981 | Ready Mixed Paint Brushing Acid Resisting Specification Second Revision |
| 8 | CHD 20 (24203) Revision of: IS 168:2016 | Ready Mixed Paint Air Drying for General Purpose Specification Fifth Revision |
| 9 | CHD 20 (24205) Revision of: IS 16676:2017 | Solventless Liquid Epoxy System for Application on Interior and Exterior Surfaces of Steel Water Pipeline Specification First Revision |
| 10 | CHD 20 (24206) Revision of: IS 5666:1970 | Etch Primer Specification First Revision |

Total Published Standards:152 Total Standards Under development:22

Aspect Wise Report

Product : 92
 Code of Practices : 4
 Methods of Test : 51
 Terminology : 2
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 0
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

| Sl. No. | IS No. & Year | Title |
|---------|---------------|---|
| | | Oil Paste for Paints for General Purposes Black |

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| 1 | IS 100 : 1950 | |
| 2 | IS 101 : 1964 Reviewed In : 2012 | Methods of test for ready mixed paints and enamels |
| 3 | IS 103 : 1962 | Ready mixed paint brushing white lead for priming and general purposes |
| 4 | IS 105 : 1950 | Ready mixed paint brushing priming for enamels for use on metals tentative |
| 5 | IS 106 : 1962 | Ready mixed paint brushing priming for enamels for use on wood |
| 6 | IS 107 : 1952 | Ready mixed paint brushing red oxide-zinc chrome priming |
| 7 | IS 108 : 1952 | Ready mixed paint spraying red oxide-zinc chrome priming |
| 8 | IS 111 : 1950 | Ready mixed paint brushing undercoating exterior to Indian Standard Colours No 101 216 352 358 443 and 632 |
| 9 | IS 112 : 1950 | Paints tinted to various colour exterior undercoating spraying |
| 10 | IS 113 : 1950 | Paints interior undercoating brushing to No 101 sky blue No 216 eau-de-nil |
| 11 | IS 114 : 1950 | Paint interior undercoating spraying to No 101 sky blue No 216 eau-de-nil |
| 12 | IS 115 : 1950 | Paint exterior undercoating brushing matt finish to No 352 pale cream and No 632 dark admiralty grey |
| 13 | IS 116 : 1950 | Paint exterior undercoating spraying matt finish to No 352 pale cream and No 632 dark admiralty grey |
| 14 | IS 117 : 1964 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Exterior Semi-gloss For General Purposes To Indian Standard Colours No 101 To 104 169 174 216 217 219 275 278 280 281 283 352 To 354 358 To 365 384 To 388 397 410 442 To 444 |
| 15 | IS 118 : 1962 | Ready Mixed Paint Brushing Finishing Semi-gloss For General Purposes To Indian Standard Colours As Required |
| 16 | IS 1188 : 1957 | Brushing Oil Gloss Genuine Zinc Oxide For General Purposes |
| 17 | IS 1189 : 1957 | Oil Paste For Paints Yellow Ochre |
| 18 | IS 119 : 1962 | Ready Mixed Paint Brushing Finishing Semi-gloss For General Purposes To Indian Standard Colours As Required |
| 19 | IS 120 : 1962 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Semi-gloss for General Purposes To Indian Standard Colours No 537 538 540 541 570 And 574 |
| 20 | IS 121 : 1962 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Semi-gloss for General Purposes to Indian Standard Colours No 414 |
| 21 | IS 122 : 1962 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Semi-gloss for General Purposes to Indian Standard Colours No 411 412 and 413 |
| 22 | IS 123 : 1962 | Ready Mixed Paint Brushing Finishing Semi-Gloss for General Purposes to Indian Standard Colours |
| 23 | IS 1232 : 1964 Reviewed In : 1993 | Ready mixed paint brushing yellow ochre semi-gloss for general purposes |
| 24 | IS 1236 : 1958 | Ready mixed paint oil gloss heat resisting to Indian Standards Colour No 360 deep buff |
| 25 | IS 124 (Part 1) : 1976 Reviewed In : 1988 | Ready mixed paint brushing finishing semi-gloss for general purposes Part 1 |
| 26 | IS 124 (Part 2) : 1979 Reviewed In : 1989 | Ready mixed paint brushing finishing semi-gloss for general purposes Part 2 |
| 27 | IS 124 (Part 3) : 1979 Reviewed In : 1991 | Ready mixed paint brushing finishing semi-gloss for general purposes Part 3 |
| 28 | IS 125 : 1962 | Ready Mixed Paint Brushing Finishing Semi-gloss for General Purposes to Indian Standard Colour No 106 Navy Blue |
| 29 | IS 1257 : 1958 | Black Japan Type B Exterior |

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| 30 | IS 126 : 1962 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Exterior Semi-gloss for General Purposes to Indian Standard Colour No 671 |
| 31 | IS 127 : 1962 Reviewed In : 1991 | Ready Mixed Paint Brushing Finishing Exterior Semi-gloss For General Purposes White |
| 32 | IS 12744 : 1989 Reviewed In : 2009 | Ready Mixed Paint Air Drying Red Oxide - Zinc Phosphate Priming |
| 33 | IS 128 : 1962 Reviewed In : 1988 | Ready Mixed Paint Brushing Finishing Semi-gloss For General Purposes Black |
| 34 | IS 129 : 1950 | Paint tinted to various colours interior brushing finishing oil-gloss |
| 35 | IS 130 : 1964 | Ready mixed paint spraying finishing for railway wagon stock to Indian Standard Colours No 446 red oxide and red oxide colour unspecified Revised |
| 36 | IS 132 : 1950 | Ready Mixed Paint Spraying Exterior Oil Gloss for General Purposes to Indian Standard Colours |
| 37 | IS 133 : 2004 Reviewed In : 2014 | Enamel Interior a Undercoating b Finishing |
| 38 | IS 134 : 1950 | Enamel Spraying Interior 1 Undercoating 2 Finishing Colour As Required |
| 39 | IS 135 : 1952 | Ready Mixed Paint Spraying Stoving Red Oxide-zinc Chrome Priming |
| 40 | IS 136 : 1952 | Ready Mixed Paint Brushing Stoving Red Oxide-zinc Chrome Priming |
| 41 | IS 141 : 1950 | Ready mixed paint spraying petrol resisting air drying for exterior painting of containers colours as required incorporated in IS 140 |
| 42 | IS 143 : 1950 | Ready mixed paint spraying petrol resisting stoving for exterior painting of containers colour as required |
| 43 | IS 148 : 1950 Reviewed In : 1993 | Ready mixed paint brushing undercoating stoving for enamels and general purposes colour as required |
| 44 | IS 149 : 1950 Reviewed In : 1991 | Ready mixed paint spraying undercoating stoving for enamels and general purposes colour as required |
| 45 | IS 152 : 1950 Reviewed In : 1993 | Ready mixed paint brushing stoving lead-free for general purposes colour as required |
| 46 | IS 153 : 1950 Reviewed In : 1993 | Ready mixed paint spraying stoving lead-free for general purposes colour as required |
| 47 | IS 154 : 1950 | Ready mixed paint brushing dead black for use on metals |
| 48 | IS 155 : 1950 Reviewed In : 1993 | Ready Mixed Paint Brushing Matt Black for Use on Wood |
| 49 | IS 156 : 1950 | Ready mixed paint brushing for use on floors colour as required |
| 50 | IS 157 : 1950 | Ready mixed paint brushing acid and alkali resisting lead-free for general purposes to Indian Standards Colours Nos 446 red oxide 437 signal red 632 dark admiralty grey and black and other colours as required |
| 51 | IS 160 : 1950 | Acid Resisting Paint Spraying |
| 52 | IS 161 : 1950 | Heat resisting paint brushing matt |
| 53 | IS 165 : 1950 | Aluminium paint brushing for general purposes in dual container |
| 54 | IS 166 : 1950 | Aluminium paint spraying for general purposes in dual container |
| 55 | IS 167 : 1950 | Ready mixed paint thick white for lettering |
| 56 | IS 169 : 1950 | Ready mixed paint spraying quick drying matt lead-free for general purposes to Indian Standard colours amalgamated in IS 168 |
| 57 | IS 1704 : 1960 | Water fittings - Copper alloy float valves Horizontal Plunger Type - specification |
| 58 | IS 197 : 1969 Reviewed In : 1989 | Methods of sampling and test for varnishes and lacquers |

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| 59 | IS 2468 : 1963 | Whiting For Putty |
| 60 | IS 2931 : 1964 | Ready mixed paints brushing aluminium-zinc oxide composite primer |
| 61 | IS 2932 : 2003 Reviewed In : 2014 | Enamel Synthetic Exterior a Undercoating b Finishing |
| 62 | IS 2933 : 2013 | Enamel exterior a undercoating b finishing |
| 63 | IS 338 : 1952 | Varnish Undercoating Exterior Natural Resin |
| 64 | IS 339 : 1952 | Varnish undercoating exterior synthetic resin |
| 65 | IS 34 : 1975 Reviewed In : 1989 | Basic carbonate of lead white lead for paints |
| 66 | IS 345 : 1952 | Wood Filter Transparent Liquid |
| 67 | IS 346 : 1952 | Spirit Varnish Clear Hard |
| 68 | IS 3538 : 1966 | Ready Mixed Paint Red Oxide Barium Chromate barium Potassium Chromate Primer |
| 69 | IS 3540 : 1966 | Barium Potassium Chromate For Paints |
| 70 | IS 355 : 1952 | Rosin For Paints And Varnishes |
| 71 | IS 357 : 1952 | Gum Dammar Pale For Paints And Varnishes |
| 72 | IS 36 : 1979 | Leaded Zinc Oxide For Paints |
| 73 | IS 3631 : 1966 | Ready Mixed Paint Finishing Exterior i Alkyd And ii Non-alkyd For General Purposes To Indian Standard Colours |
| 74 | IS 3679 : 1966 | Ready mixed paint stoving red oxide-barium chromate barium potassium chromate primer |
| 75 | IS 37 : 1976 | Lithopone |
| 76 | IS 385 : 1979 | Mixed liquid driers for paints |
| 77 | IS 386 : 1962 | Liquid driers concentrated for paints |
| 78 | IS 39 : 1979 | Basic Sulphate Of Lead For Paints |
| 79 | IS 41 : 1950 | Bone Black for Paints |
| 80 | IS 42 : 1950 | Vegetable Black For Paints |
| 81 | IS 420 : 1953 | Putty For Use On Metal Frames |
| 82 | IS 421 : 1962 | Jointing paste for bedding mouldings on coaching stock |
| 83 | IS 426 : 1961 | Paste Filler For Colour Coats |
| 84 | IS 43 : 1950 | Lamp Black For Paints |
| 85 | IS 45 : 1950 | Manufactured Red Oxides Of Iron For Paints |
| 86 | IS 46 : 1950 | Natural Red Oxides Of Iron For Paints |
| 87 | IS 47 : 1950 | Ochre For Paints |
| 88 | IS 48 : 1950 | Natural Sienna raw And Burnt For Paints |

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| 89 | IS 49 : 1950 | Natural umber raw and burnt for paints |
| 90 | IS 4903 : 1979 | Guide for treatment and disposal of effluents of cane sugar industry |
| 91 | IS 52 : 1950 | Cadmium lithopone for paints |
| 92 | IS 520 : 1954 | Enamel brushing exterior type 1 synthetic 1 undercoating 2 finishing colour as required tentative |
| 93 | IS 521 : 1954 | Enamel spraying exterior type 1 synthetic 1 undercoating 2 finishing colour as required tentative |
| 94 | IS 522 : 1954 | Enamel brushing exterior type 2 1 undercoating 2 finishing colour as required tentative |
| 95 | IS 523 : 1954 | Enamel spraying exterior type 2 1 undercoating 2 finishing colour as required tentative |
| 96 | IS 53 : 1988 | Brunswick green for paints |
| 97 | IS 5411 (Part 1) : 1974 Reviewed In : 1993 | Plastic emulsion paint Part 1 For interior use |
| 98 | IS 5411 (Part 2) : 1972 Reviewed In : 1993 | Plastic emulsion paint Part 2 For exterior use |
| 99 | IS 5660 : 1970 Reviewed In : 1998 | Ready mixed paint brushing aluminium-red oxide primer |
| 100 | IS 57 : 1989 | Red Lead for Paints and Other Purposes |
| 101 | IS 59 : 1950 | Pigment Dyestuff For Paints |
| 102 | IS 60 : 1950 | Lake pigments for paints |
| 103 | IS 61 : 1988 | Slate Powder For Paints |
| 104 | IS 640 : 1956 | Ready mixed red oxide paint for hessian colour unspecified |
| 105 | IS 641 : 1964 Reviewed In : 1988 | Ready mixed paint brushing finishing interior semi-gloss for general purposes white |
| 106 | IS 643 : 1955 | Cyclohexane hexahydrobenzene for paints |
| 107 | IS 645 : 1955 Reviewed In : 1994 | Decalin decahydronaphthalene for paints |
| 108 | IS 65 : 1950 | Blanc Fixe For Paints |
| 109 | IS 6646 : 1972 | Oil of turpentine solvent grade |
| 110 | IS 69 : 1950 | Gypsum calcium sulphate for paints |
| 111 | IS 71 : 1950 | Mercuric Oxide For Paints |
| 112 | IS 72 : 1950 | Aluminium Powder For Paints |
| 113 | IS 76 : 1950 | Linseed Oil Refined For Paints |
| 114 | IS 78 : 1950 | Linseed oil pale boiled for paints |
| 115 | IS 83 : 1950 | Turpentine for paints |
| 116 | IS 84 : 1950 | White Spirit For Paints |
| 117 | IS 85 : 1950 Reviewed In : 1992 | Methods of test for oil pastes for paints |

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| 118 | IS 86 : 1950 | Oil paste for paints to Indian Standard colours |
| 119 | IS 87 : 1950 | Oil paste for paints to Indian Standard colour No 105 Oxford blue |
| 120 | IS 870 : 1962 Reviewed In : 1993 | Ready Mixed Paint Brushing Finishing Egg Shell Gloss for Interior Use to Indian Standard Colours |
| 121 | IS 871 : 1956 | Green paint interior |
| 122 | IS 872 : 1956 | Brown paint interior brushing finishing egg-shell gloss No 412 dark brown No 413 nut brown |
| 123 | IS 88 : 1950 | Oil paste for paints to Indian Standard colour No 106 Royal blue |
| 124 | IS 89 : 1950 | Oil paste for paints to Indian Standard colours |
| 125 | IS 90 : 1950 | Oil paste for paints to Indian Standard colour No 414 Golden brown |
| 126 | IS 91 : 1950 | Oil paste for paints to Indian Standard colours |
| 127 | IS 92 : 1950 | Oil paste for paints to Indian Standard colours |
| 128 | IS 93 : 1950 | Oil paste for paints to Indian Standard colours |
| 129 | IS 95 : 1950 | Oil paste for paints exterior white |
| 130 | IS 96 : 1985 Reviewed In : 1993 | oil paste for paints interior white |
| 131 | IS 97 : 1950 | Oil Paste For Paints Jointing Purposes Etc White Lead |
| 132 | IS 98 : 1950 | Oil Paste For Paints Zinc Oxide |
| 133 | IS 99 : 1950 | Oil Paste For Paints Zinc Oxide Reduced |

Annexure-II :List of Indian Product Standards

| SI. No. | IS No. & Year | Title |
|---------|--|--|
| 1 | IS 10018 : 1981 Reviewed In : 2019 | Specification for lacquer cellulose nitrate clear finishing glossy for wood |
| 2 | IS 104 : 2017 Reviewed In : 2022 | Specification for ready mixed paint brushing zinc chrome priming Third Revision |
| 3 | IS 109 : 2017 Reviewed In : 2022 | Specification for ready mixed paint finishing priming plaster to indian standard colour no 361 light stone and no 631 light grey white and off - White Second Revision |
| 4 | IS 110 : 2017 Reviewed In : 2022 | Ready mixed paint brushing grey filler for enamels for use over primers - Specification Third Revision |
| 5 | IS 11883 : 2017 Reviewed In : 2022 | Ready mixed paint brushing red oxide priming for metals specification First Revision |
| 6 | IS 12744 (Part 1) : 2013 Reviewed In : 2018 | Ready mixed paint air drying red oxide - zinc phosphate priming - Specification Part 1 for domestic and decorative applications First Revision |
| 7 | IS 13183 : 1991 Reviewed In : 2020 | Aluminium paint heat resistant - Specification |
| 8 | IS 13184 : 1991 Reviewed In : 2020 | Mastic filler epoxy based - Specification |
| 9 | IS 13213 : 2018 Reviewed In : 2023 | Polyurethane full gloss enamel Two Pack - Specification First Revision |

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| 10 | IS 13238 : 2021 4046-5:2016 | Epoxy based zinc phosphate primer two pack - Specification First Revision |
| 11 | IS 13239 : 2016 Reviewed In : 2021 | Epoxy surfacer Two Pack - Specification First Revision |
| 12 | IS 133 (Part 1) : 2023 | Enamel interior - undercoating and finishing - Specification Sixth Revision |
| 13 | IS 13607 : 1992 Reviewed In : 2019 | Heady mixed paint finishing general purposes synthetic - Specification |
| 14 | IS 137 : 2017 Reviewed In : 2022 | Ready mixed paint brushing matt or eggshell flat finishing interior to indian standard colour as required - Specification Second Revision |
| 15 | IS 13759 : 2017 Reviewed In : 2022 | Polyurethane primer zinc phosphate Two - Pack for exterior painting of railway coaches - Specification First Revision |
| 16 | IS 13798 : 1993 Reviewed In : 2019 | Polyurethane base knifing filler Two Pack for exterior painting of railway coaches - Specification |
| 17 | IS 13799 : 2016 Reviewed In : 2021 | Polyurethane Base Surfacer Two Pack for Exterior Painting of Railway Coaches - Specification |
| 18 | IS 13871 : 2021 ISO 48-5:2018 | Powder coating - Specification |
| 19 | IS 139 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Ready mixed paint marking quick drying for marking with rubber stamps - Specification Third Revision |
| 20 | IS 140 : 2015 Reviewed In : 2020 | Ready mixed paint exterior petrol resisting air drying - Specification Second Revision |
| 21 | IS 1419 : 1989 Reviewed In : 2019 | Antifouling paint brushing for ships bottom and hulls - Specification Second Revision |
| 22 | IS 142 : 2017 Reviewed In : 2022 | Specification for ready mixed paint exterior petrol resisting stoving Second Revision |
| 23 | IS 14209 : 2016 Reviewed In : 2021 | Epoxy enamel two component glossy - Specification First Revision |
| 24 | IS 14314 : 1995 Reviewed In : 2022 | Thinner general purpose for synthetic paints and varnishes - Specification |
| 25 | IS 144 : 1950 Reviewed In : 2019 | Specification for ready mixed paint brushing petrol resisting air - Drying for interior painting of tanks and container red oxide Colour Unspecified |
| 26 | IS 145 : 1950 Reviewed In : 2019 | Specification for ready mixed paint slushing petrol resisting air - Drying for interior painting of tanks and - Containers red oxide Colour Unspecified |
| 27 | IS 14506 : 1998 Reviewed In : 2019 | Epoxy redoxide zinc phosphate weldable primer two component - Specification |
| 28 | IS 14589 : 1999 Reviewed In : 2019 | Zinc priming paint epoxy based two - Pack - Specification |
| 29 | IS 146 : 1950 Reviewed In : 2019 | Specification for ready mixed paint brushing petrol resisting stoving for interior painting of tanks and containers red oxide Colour Unspecified |
| 30 | IS 147 : 1950 Reviewed In : 2019 | Specification for ready mixed paint slushing petrol resisting stoving for interior painting of tanks and containers red oxide Colour Unspecified |
| 31 | IS 14946 : 2001 Reviewed In : 2022 | Zinc ethyl silicate primer two components - Specification |
| 32 | IS 14947 : 2001 Reviewed In : 2022 | Enamel synthetic oil resistant air drying - Specification |
| 33 | IS 14948 : 2001 Reviewed In : 2022 | Paint coal tar epoxy two pack black and brown Base and Hardner - Specification |
| 34 | IS 150 : 1950 | Specification for ready mixed paint brushing finishing stoving enamel colour as required |

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| | Reviewed In : 2020 | |
| 35 | IS 151 : 2017 | Ready mixed paint spraying finishing stoving enamel for general purposes colour as required - Specification Second Revision |
| | Reviewed In : 2022 | |
| 36 | IS 15489 : 2013 | Paint plastic emulsion - Specification First Revision |
| | Reviewed In : 2023 | |
| 37 | IS 158 : 2015 | Ready mixed paint brushing bituminous black acid alkali and heat resisting - Specification Fourth Revision |
| | Reviewed In : 2020 | |
| 38 | IS 159 : 1981 | Specification for ready mixed paint brushing acid resisting First Revision |
| | Reviewed In : 2024 | |
| 39 | IS 16239 : 2021 | Polyurethane Matt Finish TWO PACK - Specification |
| 40 | IS 16361 : 2015 | Thermoplastic polymer based coatings A undercoating B finishing - Specification |
| | Reviewed In : 2020 | |
| 41 | IS 164 : 2023 | Ready mixed paint for road marking - Specification Third Revision |
| 42 | IS 16676 : 2017 | Solventless liquid epoxy system for application on interior and exterior surfaces of steel water pipeline - Specification |
| | Reviewed In : 2022 | |
| 43 | IS 16719 : 2022 ISO 24160 : 2022 | Solvent free polyurethane coatings for exterior of steel pipe fittings - Specification First Revision |
| 44 | IS 168 : 2016 | Ready mixed paint air drying for general purpose - Specification Fourth Revision |
| | Reviewed In : 2021 | |
| 45 | IS 16942 : 2018 | Silicone soya alkyd exterior paint - Specification |
| | Reviewed In : 2023 Decision taken to Reaffirm and Archive | |
| 46 | IS 16943 : 2019 | Two components high build epoxy micaceous iron oxide MIO pigmented intermediate coat - Specification |
| 47 | IS 16944 : 2018 | Two components high build epoxy titanium dioxide TiO2 pigmented intermediate coat - Specification |
| 48 | IS 17072 : 2019 | Non plastic biodegradable polymer based paper coating chemical |
| 49 | IS 17218 : 2019 | Solar Thermo-Reflective Exterior Coating for Cooling of Roof Top |
| | Reviewed In : 2024 Decision taken to Reaffirm and Archive | |
| 50 | IS 17545 : 2021 ISO 22794:2007 | White cement based polymeric putty |
| 51 | IS 18751 : 2024 | POLYMER COATED INNER TANKS FOR STORAGE WATER HEATER SPECIFICATION |
| 52 | IS 198 : 1978 | Specification for varnish gold size First Revision |
| | Reviewed In : 2019 | |
| 53 | IS 2074 : 2023 | Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming -Specification Fourth Revision |
| 54 | IS 2075 : 2017 | Ready mixed paint stoving red oxide zinc chrome priming - Specification Third Revision |
| | Reviewed In : 2022 | |
| 55 | IS 2339 : 2013 | Aluminium paints for general purposes - Specification First Revision |
| | Reviewed In : 2023 | |
| 56 | IS 2932 : 2013 | Enamel synthetic exterior a Undercoating b Finishing - Specification Part 1 For domestic and decorative applications Fourth Revision |
| | Reviewed In : 2018 | |

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| 57 | IS 2933 (Part 1) : 2013 Reviewed In : 2018 | Enamel exterior A undercoating B finishing - Specification Part 1 for domestic and decorative applications Second Revision |
| 58 | IS 337 : 1975 Reviewed In : 2019 | Specification for varnish finishing interior First Revision |
| 59 | IS 341 : 2016 Reviewed In : 2021 | Black japan types a b and c - Specification Second Revision |
| 60 | IS 344 : 2023 | Varnish stoving - Specification Second Revision |
| 61 | IS 347 : 2023 | Varnish shellac for general purposes - Specification Second Revision |
| 62 | IS 348 : 1968 Reviewed In : 2019 | Specification for french polish First Revision |
| 63 | IS 3536 : 2016 Reviewed In : 2021 | Ready mixed paint brushing wood primer - Specification Second Revision |
| 64 | IS 3537 : 2017 Reviewed In : 2022 | Ready mixed paint finishing interior for general purposes to indian standard colours - Specification First Revision |
| 65 | IS 3539 : 1966 Reviewed In : 2019 | Specification for ready mixed paint undercoating for use under oil finishes to indian standard colours as required |
| 66 | IS 3585 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive | Ready mixed paint aluminium brushing priming water resistant for woodwork - Specification First Revision |
| 67 | IS 3678 : 2016 Reviewed In : 2021 | Ready mixed paint thick white for lettering - Specification First Revision |
| 68 | IS 3709 : 1966 Reviewed In : 2019 | Specification for mastic cement for bedding of metal windows |
| 69 | IS 419 : 2023 | Putty for use on window frames - Specification Second Revision |
| 70 | IS 423 : 1961 Reviewed In : 2019 | Specification for Plastic wood for joiners filler Revised |
| 71 | IS 427 : 2013 Reviewed In : 2023 | Distemper dry colour as required - Specification Third Revision |
| 72 | IS 428 : 2013 Reviewed In : 2018 | Washable distemper - Specification Third Revision |
| 73 | IS 430 : 1972 Reviewed In : 2019 | Specification for paint remover solvent type non - Flammable Second Revision |
| 74 | IS 431 : 1972 Reviewed In : 2019 | Specification for paint remover solvent type flammable Second Revision |
| 75 | IS 5083 : 2023 | Knifing stopper for railway coaches-Specification Third Revision |
| 76 | IS 524 : 1983 Reviewed In : 2020 | Specification for varnish finishing exterior synthetic air - drying Second Revision |
| 77 | IS 525 : 1968 Reviewed In : 2019 | Specification for varnish finishing exterior and general purposes First Revision |
| 78 | IS 5410 : 2013 Reviewed In : 2018 | Cement paint - Specification Second Revision |
| 79 | IS 5666 : 1970 Reviewed In : 2019 | Specification for etch Pretreatment primer |
| 80 | IS 5667 : 1970 Reviewed In : 2020 | Specification for thinner for cellulose nitrate based paints and lacquers |
| 81 | IS 5691 : 1970 Reviewed In : 2021 | Specification for lacquer cellulose nitrate pigmented finishing glossy |
| 82 | IS 6125 : 2017 | Enamel synthetic stoving for automobiles - Specification First Revision |

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| 84 | IS 6127 : 2023 | Varnish spar and fungicidal - specification First Revision |
| 85 | IS 6714 : 1989 Reviewed In : 2019 | Ready mixed paint finishing non - slip deck - Specification First Revision |
| 86 | IS 6948 : 1973 Reviewed In : 2020 | Specification for ready mixed paint undercoat synthetic for ships |
| 87 | IS 6951 : 1973 Reviewed In : 2020 | Specification for ready mixed paint finishing exterior for ships |
| 88 | IS 7164 : 1973 Reviewed In : 2019 | Specification for stopper |
| 89 | IS 8662 : 2024 | Enamel synthetic - undercoating and finishing for exterior of railway coaches - Specification Third Revision |
| 90 | IS 8982 : 2019 | Ready mixed paint finishing air-drying for war equipment - Specification Second Revision |
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| 92 | IS 9862 : 2017 Reviewed In : 2022 | Specification for ready mixed paint brushing bituminous black acid alkali water and chlorine resisting First Revision |