

COMMON STANDARDS IN THE PAINT AND COATING INDUSTRY AND ASSOCIATED INSTRUMENTS

Standard	Title	Product Sector	Equipment Type or Item Number that meets testing requirements.
ACI			
ACI 318		Rebar Locators & Concrete Covermeters - Covermeters	
ACI 503-1		Adhesion	
ACI 503-2	Standard specification for bonding plastic concrete to hardened concrete with a multi-component epoxy adhesive	Adhesion	
ACI 503-3	Standard specification for producing a skid-resistant surface on concrete by use of a multi-component epoxy system	Adhesion	
ACI 503-4	Standard specification for repairing concrete with epoxy mortars	Adhesion	Defelsko ATA
ACI 503-R		Adhesion	
ANSI/AWWA	Title		
ANSI/AWWA C 214	Tape Coating Systems for the Exterior of Steel Water Pipelines	Holiday Testing	Tinker Razor AP - APW or PCWI
ANSI/AWWA C203-91	Coal-tar protective coatings and linings for steel water pipelines - enamel and tape - hot applied	Holiday Testing	Tinker Razor AP - APW or PCWI
ANSI/AWWA C213-91	Fusion-bonded epoxy coating for the interior and exterior of steel water pipelines	Holiday Testing	Tinker Razor AP - APW or PCWI
AS	Title	Product Sector	
AS 1580-602.2	Paints and related materials -- measuring gloss	Appearance - Gloss	DeFelsko or TQC Gloss Meters
AS 3894.1	Site testing of protective coatings. Method 1: Non-conductive coatings - Continuity testing - High voltage (brush) method	Pinhole & Porosity	
ASTM	Title	Product Sector	
ASTM A 153/A 153M	Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.	Coating Thickness – Non Destructive	DF-FM
ASTM A 525	General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process (Withdrawn 1994)	Coating Thickness – Non Destructive	
ASTM A 584	Standard Specification for Aluminum-Coated Steel Woven Wire Fence Fabric (Withdrawn 2002)	Appearance - Gloss	
ASTM B 117	Standard Practice for Operating Salt Spray (Fog) Apparatus	Corrosion	WFG-CCD/ TQC-4050 orVF2010 MT-790010/15/20
ASTM B 244	Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments	Coating Thickness – Non Destructive	POSITEST 6000 / Quanix / Elektrophysique
ASTM B 287	B287-74 Method of Acetic Acid-Salt Spray (Fog) Testing (Withdrawn 1987)	Corrosion	WFG-CCD/ TQC-4050 orVF2010 MT-790010/15/20
ASTM B 368	Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)	Corrosion	WFG-CCD/ TQC-4050 orVF2010 MT-790010/15/20
ASTM B 499	Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals.	Coating Thickness – Non Destructive	POSITEST 6000 / Quanix / Elektrophysique
ASTM B 648	Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor	Hardness	Barcol Tester
ASTM B 659	Measuring Thickness of Metallic and Inorganic Coatings	Coating Thickness – Non Destructive	
ASTM C 1353	Test Method Using the Taber Abraser for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic	Washability, Brushability & Abrasion	Tabor
ASTM C 217	Test Method for Weather Resistance of Slate	Washability, Brushability & Abrasion	Tabor
ASTM C 241	Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic	Washability, Brushability & Abrasion	Tabor
ASTM C 321	Bond Strength of Chemical-Resistant Mortars	Adhesion Testing	
ASTM C 346	45-deg Specular Gloss of Ceramic Materials.	Gloss	TQC Gloss Meters
ASTM C 501	Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser	Washability, Brushability & Abrasion	Tabor
ASTM C 584	Standard Specification for Aluminum-Coated Steel Woven Wire Fence Fabric (Withdrawn 2002).	Gloss	TQC-GL0010 / 0020 / 0030
ASTM C 584	Test Method for 60-deg. Specular Gloss of Glazed Ceramic Whitewares and Related Products	Appearance - Gloss	
ASTM C 633	Adhesion or Cohesion Strength of Thermal Spray Coatings		DFD
ASTM C1583	Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)	Adhesion Testing	DeFelsko ATA50C
ASTM D 823	Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels	Film Application & Test Charts	TQC Film Applicators / Leneta Charts
ASTM D 824	Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels	Film Application & Test Charts	TQC Film Applicators / Leneta Charts
ASTM D 825	Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels	Film Application & Test Charts	TQC Film Applicators / Leneta Charts
ASTM D 1003	Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics	Appearance - Haze	
ASTM D 1005	Measurement of Dry-Film Thickness of Organic Coatings Using Micrometers	Coating Thickness – Destructive	124
ASTM D 1044	Test Method for Resistance of Transparent Plastics to Surface Abrasion	Washability, Brushability & Abrasion	Taber
ASTM D 1084	Test Methods for Viscosity of Adhesives	Viscosity	TQC-VF2226 / ZAHN-EZ
ASTM D 1131	Test Methods of Testing Rosin Oils (Withdrawn 2003)	Viscosity - Krebs	TQC-DV1300
ASTM D 1186-A	Nondestructive measurement of dry film thickness of nonmagnetic coatings applied to a ferrous base	Coating Thickness	DF-FM
ASTM D 1186-B	Nondestructive measurement of dry film thickness of nonmagnetic coatings applied to a ferrous base	Coating Thickness	DF-FM
ASTM D 1200	Test Method for Viscosity by Ford Viscosity Cup	Viscosity - Cups	TQC-VF2084-2236 /TQC-VF2029-43 / EK-406-X
ASTM D 1210	Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage	Fineness of Grind	TQC-VF2010
ASTM D 1212	Test Methods for Measurement of Wet Film Thickness of Organic Coatings	Wet Film Thickness	WFG-CCD/ TQC-4050 or VF2010 / MT-790010/15/20
ASTM D 1223	Standard Test Method for Specular Gloss of Paper and Paperboard at 75° (Withdrawn 2010)	Appearance - Gloss	
ASTM D 1316	Test Method for Fineness of Grind of Printing Inks By the NPIRI Grindometer	Fineness of Grind	TQC-VF2010
ASTM D 13278	Determination of Water (Moisture) Content of Soil and Rock by Mass	Flash Point	
ASTM D 1400	Nondestructive Measurement of DFT of Nonconductive Coatings Applied to a Nonferrous Metal Base	Coating Thickness – Non Destructive	POSITEST 6000 / Quanix / Elektrophysique
ASTM D 1455	Test Method for 60-deg. Specular Gloss of Emulsion Floor Polish	Appearance - Gloss	TQC-GL0010 / 0020 / 0030
ASTM D 1475	Test Method for Density of Liquid Coatings, Inks, and Related Products	Density - Picnometer	TQC- VF2097 - 2100 / EK-SH1500

ASTM D 1525	Test Method for Vicat Softening Temperature of Plastics	Viscosity - Cups	TQC-VF2084-2236 /TQC-VF2029-43 / EK-406-X
ASTM D 16	Terminology Relating to Paint, Varnish, Lacquer, and Related Products	General	
ASTM D 1730	Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting	Surface Preparation - Non-Ferrous	
ASTM D 1735	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	Corrosion - Kesternich	
ASTM D 1737	Test for Elongation of Attached Organic Coatings with Cylindrical Mandrel Apparatus (Withdrawn)	Elongation & Resistance Deformation	TQC-SP1820
ASTM D 1737	Test for Elongation of Attached Organic Coatings with Cylindrical Mandrel Apparatus (Withdrawn)	Adhesion - Cross Cut	
ASTM D 2092	Guide for Treatment of Zinc-Coated (galvanized) Steel Surfaces for Painting	Surface Preparation - Steel	
ASTM D 2196	Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer	Viscosity	
ASTM D 2200	Pictorial Surface Preparation Standards for Painting Steel Surfaces	Surface Preparation - Steel	128
ASTM D 2240	Test Method for Rubber Property—Durometer Hardness	Hardness - Shore	TQC-LD0550 / 0551 / PTC
ASTM D 2243	Test Method for Freeze-Thaw Resistance of Water-Borne Coatings	Film Application & Test Charts	Leneta Charts
ASTM D 2244	Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates daylight illumination	Appearance - Colour	
ASTM D 2246	Testing Finishes on Primed Metallic Substrates for Humidity-Thermal Cycle Cracking (Withdrawn 1992)	Corrosion - Humidity	
ASTM D 2247	Testing Water Resistance of Coatings in 100% Relative Humidity	Corrosion	
ASTM D 2457	Specular Gloss of Plastic Films and Solid Plastics.	Gloss	TQC-GL0010 / 0020 / 0030
ASTM D 2457	Test Method for Specular Gloss of Plastic Films and Solid Plastics	Appearance - Shade	
ASTM D 2457	Test Method for Specular Gloss of Plastic Films and Solid Plastics	Appearance - Gloss	
ASTM D 2486	Test Methods for Scrub Resistance of Wall Paints	Washability, Brushability & Abrasion	TQC-AB5005
ASTM D 2486	Standard Test Methods for Scrub Resistance of Wall Paints	Washability, Brushability & Abrasion Testers	
ASTM D 2578	Test Method for Wetting Tension of Polyethylene and Polypropylene Films	Viscosity	
ASTM D 2578-67	Standard Test Method for Wetting Tension of Polyethylene and Polypropylene Films	Viscosity - Surface Tension	
ASTM D 2583	Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor	Hardness	Barcol Tester - DeFelsko
ASTM D 2583	Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor	Hardness - Barcol	Barcol Tester - DeFelsko
ASTM D 2794	Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)	Elasticity & Resistance Deformation	TQC-1880 / 1895 / 1890 /1891
ASTM D 2801	Test for Leveling Characteristics of Paints by Draw-Down Method (Withdrawn 1987)	Film Application & Test Charts	Leneta Charts
ASTM D 2805	Test Method for Hiding Power of Paints by Reflectometry	Appearance	Leneta Charts
ASTM D 2805		Film Application & Test Charts - Test Charts	Leneta Charts
ASTM D 3002	Evaluation of Coatings Applied to Plastics	Adhesion Testing	
ASTM D 3002	Evaluation of Coatings Applied to Plastics	Coating Thickness – Destructive	CC1000 / CC2000 / CC3000 / SP3000
ASTM D 3020	Test Method for Color and Strength of Color Pigments by Use of a Miniature Sandmill	Film Application & Test Charts	TQC Film Applicators
ASTM D 3021	Test Method for Color and Strength of Color Pigments by Use of a Miniature Sandmill	Film Application & Test Charts	Leneta Charts
ASTM D 3134	Standard Practice for Establishing Color and Gloss Tolerances color difference	Appearance - Colour	
ASTM D 3258	Test Method for Porosity of Paint Films	Appearance	
ASTM D 3278	Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus	Flash Point	
ASTM D 332	Test Method for Relative Tinting Strength of White Pigments by Visual Observation	Fineness of Grind	Fineness of Grind
ASTM D 3359	Test Methods for Measuring Adhesion by Tape Test	Adhesion Testing	CC1000 / CC2000 / CC3000 / SP3000
ASTM D 3363	Test Method for Film Hardness by Pencil Test	Hardness	TQC-VF2300
ASTM D 3389	Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform, Double-Head Abrader)	Washability, Brushability & Abrasion	Taber
ASTM D 344	Test Method for Relative Hiding Power of Paints by the Visual Evaluation of Brushouts	Film Application & Test Charts	Leneta Charts
ASTM D 3450	Test Method for Washability Properties of Interior Architectural Coatings	Washability, Brushability & Abrasion	TQC-AB5005
ASTM D 3794	Standard Guide for Testing Coil Coatings	Viscosity - Zahn	TQC-VF2226 / ZAHN-EZ
ASTM D 3828-IP303	Test Methods for Flash Point by Small Scale Closed Tester	Flash Point	
ASTM D 387	Test Method for Color and Strength of Chromatic Pigments with a Mechanical Muller	Fineness of Grind	Fineness of Grind
ASTM D 3884	Test for Powder Resistance of Floor Polish Films (Withdrawn 1977)	Washability, Brushability & Abrasion	Taber
ASTM D 4060	Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser	Washability, Brushability & Abrasion	Taber
ASTM D 4138	Measurement of Dry Film Thickness of Protective Coating Systems by Destructive Means	Coating Thickness – Destructive	TQC-SP1100 / A121-TOOKE
ASTM D 4158	Standard Guide for Abrasion Resistance of Textile Fabrics (Uniform Abrasion	Washability, Brushability & Abrasion	Taber
ASTM D 4212	Test Method for Viscosity by Dip-Type Viscosity Cups	Viscosity	TQC-VF2226 / ZAHN-EZ
ASTM D 4213	Test Method for Scrub Resistance of Paints by Abrasion Weight Loss	Washability, Brushability & Abrasion	TQC-AB5005
ASTM D 4256	Practice for Surface Cleaning Concrete for Coating	Surface Preparation - Concrete	MT-pH / EX-PH150C
ASTM D 4260	Practice for Acid Etching Concrete	Surface Preparation - Concrete	MT-pH / EX-PH150C
ASTM D 4261	Standard Practice for Surface Cleaning Concrete Unit Masonry for Coating.	Surface Preparation - Concrete	ICRI
ASTM D 4262	pH of Chemically Clewed or Etched Concrete Surfaces	Surface Preparation - Concrete	MT-pH / EX-PH150C
ASTM D 4263	Indicating Moisture in Concrete by the Plastic Sheet Method	Surface Preparation - Concrete	
ASTM D 4285	Test Method for Indicating Oil or Water in Compressed Air	General	
ASTM D 4287	Test Method for High-Shear Viscosity Using a Cone/Plate Viscometer	Viscosity	
ASTM D 4366	Test Methods for Hardness of Organic Coatings by Pendulum Damping Tests (withdrawn)	Hardness - Pendulum	TQC-SP0500
ASTM D 4414	Practice for Measurement of Wet Film Thickness by Notch Gages	Wet Film Thickness	WFG-CCD/ TQC-4050 orVF2010 MT-790010/15/20
ASTM D 4417	Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel	Surface Preparation - Steel	122 / DF-SPG / 127 / 125
ASTM D 4537	Guide for Establishing Procedures to Qualify and Certify Inspection Personnel for Coating Work in Nuclear Facilities	General	
ASTM D 4538	Terminology Relating to Protective Coatings and Lining Work for Power Generation Facilities	General	
ASTM D 4541	Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers	Adhesion Testing	DF-ATM / DF-ATA / DFD
ASTM D 4787	Continuity Verification of Liquid or Sheet Linings Applied to Concrete Substrates.	Holiday Testing	Tinker Razor AP - APW or PCWI
ASTM D 4828	Test Methods for Practical Washability of Organic Coatings	Washability, Brushability & Abrasion	TQC-AB5005
ASTM D 5064	Practice for Conducting a Patch Test to Assess Coating Compatibility	General	
ASTM D 5071	Standard Practice for Exposure of Photodegradable Plastics in a Xenon Arc Apparatus	Corrosion - Solar Box	

ASTM D 5101-15		Powder Thickness Measurement - Non Contact	DF-PC / TQC PowderTAG
ASTM D 5162	Practice for Discontinuity (Holiday) Testing of Nonconductive Protective Coating on Metal Substrates	Holiday Testing	Tinker Razor AP - APW or PCWI
ASTM D 5179	Measuring Adhesion of Organic Coatings to Plastic Substrates by Direct Tensile Testing.	Adhesion Testing	
ASTM D 522	Test Methods for Mandrel Bend Test of Attached Organic Coatings	Adhesion - Cross Cut	
ASTM D 522	Test Methods for Mandrel Bend Test of Attached Organic Coatings	Elasticity & Resistance Deformation - Conical Mandrel	TQC-1830 / 1831
ASTM D 523	Standard test method for specular gloss	Appearance - Gloss	TQC-GL0010 / 0020 / 0030
ASTM D 5342	Test Method for Resistance to Bending of Paper and Paperboard (Taber-Type Tester in Basic Configuration)	Washability, Brushability & Abrasion	Taber
ASTM D 562	Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer	Viscosity	TQC-DV1300
ASTM D 5650	Test Method for Resistance to Bending of Paper of Low Bending Stiffness (Taber-Type Tester in 0 to 10 Taber Stiffness Unit Configuration)	Washability, Brushability & Abrasion	Taber
ASTM D 5682 - B	Test Methods for Electrical Resistivity of Liquid Paint and Related Materials	Washability, Brushability & Abrasion	TQC-AB5005
ASTM D 610	Evaluating Degree of Rusting on Painted Steel Surfaces	Surface Evaluation	128
ASTM D 6441	Test Methods for Measuring the Hiding Power of Powder Coatings	Film Application & Test Charts	Leneta Charts
ASTM D 6677	Test Method for Evaluating Adhesion by Knife	Adhesion Testing	
ASTM D 711	Test Method for No-Pick-Up Time of Traffic Paint	Drying Time - Traffic Paint	TQC-VF8000
ASTM D7234	Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers	Adhesion - Concrete	Defelsko ATA
ASTM D 823	Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels	Film Application & Test Charts	TQC Film Applicators
ASTM D 856	Method of Sampling and Testing Pine Tars and Pine-Tar Oils (Withdrawn 1991)	Viscosity	TQC-DV1300
ASTM D 968	Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive	Washability, Brushability & Abrasion	TABER FALLING SAND ABRASION
ASTM E 1164	Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation	Appearance - Colour	
ASTM E 1907	Determining Moisture-Related Acceptability of Concrete Floors to Receive Moisture-Sensitive Finishes	Surface Preparation - Concrete	
ASTM E 308	Standard Practice for Computing the Colors of Objects by Using the CIE System	Appearance - Colour	
ASTM E 313	Standard Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates	Appearance - Colour	
ASTM E 337	Measuring Humidity with a Psychrometer (the Measurement of Wet- and Dry-Bulb Temperatures).	Climate	TQC-7100 / DF-DPM / EX-RH401 / EX-HD500
ASTM E 376	Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Test Methods	Coating Thickness – Non Destructive	POSITEST 6000 / Quanix / Elektrophysique
ASTM E 430	Measurement of Gloss of High-Gloss Surfaces by Goniophotometry	Appearance	TQC Gloss Meters
ASTM E 502	Standard Test Method for Selection and Use of ASTM Standards for the Determination of Flash Point of Chemicals by Closed Cup Methods	Flash Point	
ASTM E 96	Testy Methods for Water Vapor Transmission of Materials	Drying Time - Payne	TQC-VF8000
ASTM E430	Methods for Measurement of Gloss of High-Gloss Surfaces by Goniophotometry	Gloss	TQC Gloss Meters
ASTM F 1319	Determination of Abrasion and Smudge Resistance of Images Produced from Business Copy Products (Crockmeter Method)	Washability, Brushability & Abrasion	TQC-AB5005
ASTM F 1478	Method for Determination of Abrasion Resistance of Images Produced from Copiers and Printers (Taber Method)	Washability, Brushability & Abrasion	Taber
ASTM F 1869	Measuring Moisture Vapor Emission Rate of Concrete Sub-floor Using Anhydrous Calcium Chloride	Surface Preparation - Concrete	
ASTM F 362	Test Method for Determining the Erasability of Inked Ribbons	Washability, Brushability & Abrasion	Taber
ASTM F 510	Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method	Washability, Brushability & Abrasion	Taber
ASTM G 12	Nondestructive Measurement of Film Thickness of Pipeline Coatings on Steel	Coating Thickness – Non Destructive	DF-FM
ASTM G 6	Abrasion Resistance of Pipeline Coatings.	Holiday Testing	Tinker Razor AP - APW or PCWI
ASTM G 62	Holiday Detection in Pipeline Coatings.	Holiday Testing	Tinker Razor AP - APW or PCWI
ASTM G 85	Standard Practice for Modified Salt Spray (Fog) Testing	Corrosion - Salt Spray	WFG-CCD/ TQC-4050 orVF2010 MT-790010/15/20
BS	Title	Product Sector	
BS 1006		Corrosion - Solar Box	
BS 1344		Pinhole & Porosity	
BS 1881		Adhesion - Concrete	
BS 1881		Rebar Locators & Concrete Covermeters - Covermeters	
BS 1881 204		Material Thickness	
BS 1881 204		Rebar Locators & Concrete Covermeters - Covermeters	
BS 2842	Specification for whirling hygrometer	Climatic Condition Testing	
BS 3900 A13		Flash Point	
BS 3900 A6		Viscosity - Cups	
BS 3900 A7		Viscosity - Cone & Plate	
BS 3900 C5 3	Paints. Part C5, Determination of film thickness.	Coating Thickness - Destructive	
BS 3900 C5 5B	Paints. Part C5, Determination of film thickness.	Coating Thickness - Destructive	
BS 3900 C5 6A		Coating Thickness	
BS 3900 C5 6B		Coating Thickness	
BS 3900 C5 7A	Paints. Part C5, Determination of film thickness	Wet Film Thickness	
BS 3900 C5 7B	Paints. Part C5, Determination of film thickness.	Wet Film Thickness	
BS 3900 D5	Meas. of specular gloss of non-metallic paint films	Appearance - Gloss	
BS 3900 E1		Elongation & Resistance Deformation - Cylindrical Mandrel	
BS 3900 E10	Pull-off test for adhesion	Adhesion	

BS 3900 E11		Adhesion
BS 3900 E11		Elongation & Resistance Deformation - Conical Mandrel
BS 3900 E13		Elongation & Resistance Deformation - Impact Tester
BS 3900 E2		Hardness - Clemen
BS 3900 E4		Elongation & Resistance Deformation - Cupping Tester
BS 3900 E5		Hardness - Clemen
BS 3900 E5		Hardness - Pendulum
BS 3900 E6	Paints. Part E6, Cross-cut test.	Adhesion - Cross Cut
BS 3900 E6	Paints. Part E6, Cross-cut test.	Adhesion
BS 3900 E9		Hardness - Buchholz
BS 3900 F4		Corrosion - Salt Spray
BS 4232	Specification for surface finish of blast-cleaned steel for painting	Surface Profile
BS 5411 11	Metallic and related coatings: Part 11. Measurement of coating thickness of non-magnetic metallic and vitreous or porcelain enamel coatings on magnetic basis metals: magnetic method	Coating Thickness
BS 5411 3	Metallic and related coatings: Part 3, Eddy current method for measurement of coating thickness of non-conductive coatings on non-magnetic basis metals	Coating Thickness
BS 5466		Corrosion - Salt Spray
BS 5599	Hard anodic oxidation coatings on aluminium and its alloys for engineering purposes.	Coating Thickness
BS 6161 12	Anodic oxidation coatings on aluminium and its alloys. Part 12, Measurement of specular reflectance and specular gloss at angles of 20, 45, 60 or 85 degrees.	Appearance - Gloss
BS 6664		Flash Point
BS 7002:1989		Dispersion
BS 7079 A1	Prep. of steel: spec. for rust grades and prep. grades of steel substrates	Pinhole & Porosity
BS 7079 B2	Preparation of steel surfaces before application of paints and related products - Tests for the assessment of surface cleanliness - Part 2: Laboratory determination of chloride on cleaned surfaces	Surface Profile
BS 7079 B4	Preparation of steel substrates before application of paints and related products. Group B. Methods for the assessment of surface cleanliness. Part B4. Guide to the estimation of the probability of condensation on a surface to be painted.	Climatic Condition Testing
BS 7079 B6	Group B: Methods for the assessment of surface cleanliness. Part B6 Bresle Method.	Surface Profile
BS 7079 F16	Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 6 Determination of water-soluble contaminants by conductivity measurement	Surface Cleanliness
BS 7079 F17	Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 7 Determination of water-soluble chlorides	Surface Cleanliness
BS 729	Galvanising	Coating Thickness - Galvanising
BS 7295 1	Fusion bonded epoxy coated carbon steel bars for the reinforcement of concrete. Part 1 Specification for coated bars.	Pinhole & Porosity
BS 7295 2	Fusion bonded epoxy coated carbon steel bars for the reinforcement of concrete. Part 2 Specification for coatings.	Washability, Brushability & Abrasion Testers - Taber
BS 7479		Corrosion - Salt Spray
BS 7793 2	vitreous enamel - industrial	Pinhole & Porosity
BS EN	Title	Product Sector
BS EN 22063	Metallic and other inorganic coatings - Thermal spraying - Zinc, aluminium and their alloys.	Coating Thickness
BS EN 22063	Metallic and other inorganic coatings - Thermal spraying - Zinc, aluminium and their alloys.	Adhesion
BS EN 24624	Paints and varnishes - Pull-off test	Adhesion
BS EN 3900-C5-5B		Coating Thickness - Destructive
BS EN 582	Thermal spraying - Determination of tensile adhesive strength.	Adhesion
BS EN ISO	Title	Product Sector
BS EN ISO 11127-6	Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 6 Determination of water-soluble contaminants by conductivity measurement	Surface Cleanliness
BS EN ISO 11127-7	Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 7 Determination of water-soluble chlorides	Surface Cleanliness
BS EN ISO 2409	Paints and varnishes - cross-cut test.	Adhesion
BS EN ISO 8502-2	Preparation of steel surfaces before application of paints and related products - Tests for the assessment of surface cleanliness - Part 2: Laboratory determination of chloride on cleaned surfaces	Climatic Condition Testing
CP	Title	Product Sector
CP 110		Rebar Locators & Concrete Covermeters - Covermeters
DIN	Title	Product Sector
DIN 1045		Rebar Locators & Concrete Covermeters - Covermeters
DIN 1164		Washability, Brushability & Abrasion Testers - Falling Sand

DIN 3679		Flash Point	
DIN 50017		Corrosion - Kesternich	
DIN 50018		Corrosion - Kesternich	
DIN 50021		Corrosion - Scratch Tool	
DIN 5033		Appearance - Colour	
DIN 5036		Appearance - Colour	
DIN 50907		Corrosion - Salt Spray	
DIN 50981	Meas. of coating thickness: non-ferromagnetic coatings on ferromagnetic mat.	Coating Thickness	
DIN 50982	Principles of coating thickness measurement	Coating Thickness	
DIN 50984		Coating Thickness	
DIN 50986		Coating Thickness - Destructive	
DIN 53150		Elongation & Resistance Deformation - Conical Mandrel	
DIN 53151	Testing of paints: cross-cut test on paint and similar coatings	Adhesion	
DIN 53152		Elongation & Resistance Deformation - Cylindrical Mandrel	
DIN 53153		Hardness - Buchholz	
DIN 53156		Elongation & Resistance Deformation - Cupping Tester	
DIN 53157		Hardness - Pendulum	
DIN 53162		Film Application & Test Charts - Test Charts	
DIN 53167		Corrosion - Scratch Tool	
DIN 53167		Hardness - Multifunction Scratch Tester	
DIN 53167		Corrosion - Salt Spray	
DIN 53203		Fineness of Grind	
DIN 53DF-FM		Viscosity - Cups	
DIN 53217		Density - Picnometer	
DIN 53224		Viscosity - Cups	
DIN 53232		Elongation & Resistance Deformation - Cupping Tester	
DIN 53364		Viscosity - Surface Tension	
DIN 53505		Hardness - Shore	
DIN 53799		Hardness - Multifunction Scratch Tester	
DIN 5381		Appearance - Colour	
DIN 55984		Appearance - Shade	
DIN 6174		Appearance - Colour	
DIN 67530	Reflectometers a means for gloss assessment of plane surfaces of paint coatings and plastics	Appearance - Gloss	
DIN 68861 T2		Washability, Brushability & Abrasion Testers - Taber	
EN DIN NF	Title	Product Sector	
EN DIN NF 1542		Adhesion	
EN DIN NF 21524		Fineness of Grind	
EN DIN NF 24624		Adhesion	
EN DIN NF 4.4.9 175		Corrosion - Salt Spray	
EN DIN NF 4.45.1		Hardness - Wolff-Wilborn	
EN DIN NF 456		Flash Point	
EN DIN NF 535		Viscosity - Cups	
EN DIN NF 60950		Dispersion	
EN ISO	Title	Product Sector	
EN ISO 19840	Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Measurement of and acceptance criteria for the dry-film thickness	Coating Thickness	
EN ISO 8289 PR	Vitreous and porcelain enamels - Low voltage test for detecting and locating defects	Pinhole & Porosity	
EN ISO DIN NF	Title	Product Sector	
		Elongation & Resistance Deformation	
EN ISO DIN NF 1519		Elongation & Resistance Deformation - Cupping Tester	
EN ISO DIN NF 1520		Fineness of Grind	
EN ISO DIN NF 21524		Adhesion - Cross Cut	
EN ISO DIN NF 2409		Hardness - Multifunction Scratch Tester	
EN ISO DIN NF 2409		Hardness-Sheer/Scratch Tester	

EN ISO DIN NF 4586-2		Stackability & Internal Stress - Heated Press	
EN ISO DIN NF 4622		Corrosion - Salt Spray	
EN ISO DIN NF 4623		Elongation & Resistance Deformation - Impact Tester	
EN ISO DIN NF 6272		Adhesion - Cross Cut	
EN ISO DIN NF 6860		Elongation & Resistance Deformation - Conical Mandrel	
EN ISO DIN NF 6860		Film Application & Test Charts	
EN ISO DIN NF 787-1,16		Surface Profile - Comparators	
EN ISO DIN NF 8503		Surface Profile - Testers	
EN ISO DIN NF 8503-4,5			
ISO	Title	Product Sector	
ISO 105X12	Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives. - Part 6 Determination of foreign matter	Surface Profile	
ISO 1WFG-CCD/ TQC-4050/ TQC-TQC-VF2010 MT-790010/15/205		Corrosion - Solar Box	
ISO 11341		Washability, Brushability & Abrasion Testers	
ISO 11998		Appearance - Opacity	
ISO 13468		Appearance - Haze	
ISO 13803		Corrosion - Salt Spray	
ISO 1POSITEST 6000 / Quanix / Elektrophysique			
ISO 1461	Galvanising	Coating Thickness	
ISO 14654:1999		Hardness - Clemen	
ISO 1518	ISO 14654:1999, Epoxy-coated steel for the reinforcement of concrete	Hpliday Testing	Defelsko LPD
ISO 1519		Elongation & Resistance Deformation - Cylindrical Mandrel	
ISO 1520		Elongation & Resistance Deformation - Cupping Tester	
ISO 1522		Hardness - Pendulum	
ISO 1524		Fineness of Grind	
ISO 2063	Metallic and other inorganic coatings - Thermal spraying - Zinc, aluminium and their alloys	Adhesion	
ISO 2063	Metallic and other inorganic coatings - Thermal spraying - Zinc, aluminium and their alloys	Corrosion - Scratch Tool	
ISO 2064	Metallic and other inorganic coatings - Definitions and conventions concerning the measurement of thickness	Coating Thickness	
ISO 2178	Metallic and related coatings: meas. of coating on magnetic metals	Coating Thickness	
ISO Tinker Razor AP - APW or PCW10	Metallic and related coatings: meas.of coating on non-mag. metals	Coating Thickness	
ISO 2409	Paints and varnishes - cross-cut test.	Hardness - Multifunction Scratch Tester	
ISO 2409	Paints and varnishes - cross-cut test.	Adhesion - Cross Cut	
ISO 2409	Paints and varnishes - cross-cut test.	Adhesion	
ISO 2431		Viscosity - Cups	
ISO 2746-CD	Vitreous and porcelain enamels - Enamelled articles for service under highly corrosive conditions - High voltage test	Pinhole & Porosity	
ISO 2808		Coating Thickness	
ISO 2808-3	Paints and varnishes - determination of film thickness.	Coating Thickness - Destructive	
ISO 2808-5B	Paints and varnishes - determination of film thickness.	Coating Thickness - Destructive	
ISO 2808-6A		Coating Thickness	
ISO 2808-6B		Coating Thickness	
ISO 2808-7A	Paints and varnishes - Determination of film thickness	Wet Film Thickness	
ISO 2808-7B	Paints and varnishes - Determination of film thickness.	Wet Film Thickness	
ISO 2811		Density - Picnometer	
ISO 2812-2		Corrosion - Ford Immersion	
ISO 2813	Meas. of specular gloss of non-metallic paint films	Appearance - Gloss	
ISO 2814		Film Application & Test Charts - Test Charts	
ISO 2814		Appearance - Shade	
ISO 2815		Hardness - Buchholz	
ISO 2884		Viscosity - Cone & Plate	
ISO 3231		Corrosion - Kesternich	
ISO 3444		Washability, Brushability & Abrasion Testers - Taber	
ISO 3679		Flash Point - Closed Cup	
ISO 3680		Flash Point	

ISO 3768		Corrosion - Salt Spray	
ISO 3769		Corrosion - Salt Spray	
ISO 3906		Appearance - Shade	
ISO 4586		Washability, Brushability & Abrasion Testers - Taber	
ISO 4586		Hardness - Multifunction Scratch Tester	
ISO 4586-2		Hardness - Shear / Scratch Tester	
ISO 4622		Stackability & Internal Stress	
ISO 4623	Paints and varnishes — Determination of resistance to filiform corrosion — Part 1: Steel substrates	Corrosion - Salt Spray	
ISO 4624	Paints and varnishes — Pull-off test for adhesion	Adhesion	
ISO 4892	Plastics — Methods of exposure to laboratory light sources		
ISO 5470		Washability, Brushability & Abrasion Testers - Taber	
ISO 6270		Corrosion - Humidity	
ISO 6272		Elongation & Resistance Deformation - Impact Tester	
ISO 6504		Appearance - Shade	
ISO 6860		Elongation & Resistance Deformation - Conical Mandrel	
ISO 7253		Corrosion - Salt Spray	
ISO 7668	Anodized aluminium and aluminium alloys - Measurement of specular reflectance and specular gloss at angles of 20, 45, 60 or 85 degrees.	Appearance - Gloss	
ISO 7724		Appearance - Colour	
ISO 7783		Drying Time - Payne	
ISO 787 / 16		Film Application & Test Charts	
ISO 8289	General methods of test for pigments and extenders — Part 16: Determination of relative tinting strength (or equivalent colouring value) and colour on reduction of coloured pigments — Visual comparison method	Pinhole & Porosity	
ISO 8TQC-VF2300	Vitreous and porcelain enamels — Low voltage test for detecting and locating defects	Surface Cleanliness - Rust Standards	
ISO 8502-11		Surface Cleanliness - CSN	
ISO 8502-3	Preparation of steel surfaces before application of paints and related products - Tests for the assessment of surface cleanliness - Part 3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method)	Surface Profile	
ISO 8502-4	Preparation of steel substrates before application of paints and related products. Group B. Methods for the assessment of surface cleanliness. Part B4. Guide to the estimation of the probability of condensation on a surface to be painted.	Climatic Condition Testing	
ISO 8502-5		Surface Cleanliness - CSN	
ISO 8502-6		Surface Cleanliness - Bresle	
ISO 8502-6 CD	Preparation of steel surfaces before application of paints and related products - Tests for the assessment of surface cleanliness - Part 6: Sampling of soluble impurities on surfaces to be painted - Bresle method	Surface Profile	
ISO 8503		Surface Profile - Comparators	
ISO 8503-4,5		Surface Profile - Testers	
ISO 8504-1	Preparation of steel substrates before application of paints and related products. Group D, Methods for surface preparation. Part D1, General principles.	Surface Profile	
ISO 868	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness).	Hardness - Shore	
ISO 8780-5		Fineness of Grind - Ginder	
ISO 9227		Corrosion - Salt Spray	
ISO 9352		Washability, Brushability & Abrasion Testers - Taber	
ISO DIS			
ISO DIS 3537		Washability, Brushability & Abrasion Testers - Taber	
ISO DIS 4586-2		Washability, Brushability & Abrasion Testers - Taber	
ISO DIS 7784-2		Washability, Brushability & Abrasion Testers - Taber	
ISO DIS 8289		Pinhole & Porosity	
ISO DIS 8502-9		Surface Cleanliness - Bresle	
ISO DIS 8503-5	Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 5: Replica tape method for the determination of the surface profile.	Surface Profile	
MIL	Title	Product Sector	
MIL-A-8625	Test for Carrying Case, Military Specification	Washability, Brushability & Abrasion	Taber
MIL-C-13495A	Ink, Marking, Epoxy Base, Military Specification	Washability, Brushability & Abrasion	Taber
MIL-I-43553A	Marking of Electronic Items, Military Specification	Washability, Brushability & Abrasion	Taber
MIL-M-13231C	Packing, Performed, Carbon and Carbon Stock Packing: Military Specification	Washability, Brushability & Abrasion	Taber

MIL-P-18493	Test Equipment for use with Electrical and Electronic Equipment, Military Specification	Washability, Brushability & Abrasion	Taber
MIL-T-28800C			
NACE	Title	Product Sector	
NACE 6G 186	Surface Preparation of Steel and Other Hard Materials by Water Blasting Prior to coating or Recoating	Surface Preparation - Steel	128
NACE SP 0172-72	Discontinuity (Holiday) Testing Of Protective Coatings	Holiday Testing	Tinker & Rasor or DeFelsko
NACE SP 0188-99	Recommended Practice - High-Voltage Electrical Inspection of Pipeline Coatings Prior to Installation	Holiday Testing	Tinker & Rasor or DeFelsko
NACE SP 0274-98	Profile Measurement of Blast Cleaned Steel Using Replica Tape	Surface Profile using replica tape	E122 / E124
NACE SP 0287-95	Holiday Detection of Fusion-Bonded Epoxy External Pipeline Coatings of 10 to 30 Mils (0.25 to 0.76 mm)	Pinhole & Porosity	
NACE SP 0490-01	Holiday Detection of Fusion-Bonded Epoxy External Pipeline Coatings of 250 to 760 um (10 to 30 mils)	Holiday Testing	Tinker & Rasor or PCWI
NACE SP 0490-2001	Dehumidification and temperature control during surface preparation, application and curing of coatings/linings for tanks, vessels and other enclosed spaces	Climate	116 / DF-DPM/ DC-7100
NF	Title	Product Sector	
NF P 38-		Hardness - Barcol	TQC-VF2300
NF T 30-014		Viscosity - Cups	
NF T 30-016		Hardness - Pendulum	
NF T 30-017		Elongation & Resistance Deformation - Impact Tester	
NF T 30-018		Drying Time - Payne	
NF T 30-019		Elongation & Resistance Deformation - Cupping Tester	
NF T 30-020		Density - Picnometer	
NF T 30-023		Fineness of Grind - Grinder	
NF T 30-038		Adhesion - Cross Cut	
NF T 30-040		Elongation & Resistance Deformation - Cylindrical Mandrel	
NF T 30-046		Fineness of Grind	
NF T 30-052		Hardness - Buchholz	
NF T 30-053-2		Corrosion - Ford Immersion	
NF T 30-054		Corrosion - Ford Immersion	
NF T 30-055		Corrosion - Kesternich	
NF T 30-062		Adhesion	
NF T 30-068		Flash Point - Open Cup	
NF T 30-070		Viscosity - Cups	
NF T 30-078		Adhesion - Cross Cut	
NF T 30-122		Coating Thickness - Destructive	
NF T 30-123		Coating Thickness - Destructive	
NF T 30-124		Coating Thickness	
NF T 30-125		Wet Film Thickness	
NF T 30-606		Adhesion	
NF T 36-006		Appearance - Colour	
NF T 51-109		Hardness - Shore	
NF X 08-012		Appearance - Colour	
NF X 41-002		Corrosion - Salt Spray	
SIA	Title	Product Sector	
SIA 162		Rebar Locators and Concrete Covermeters - Covermeters	
SSPC	Title	Product Sector	
SSPC Guide 6	Guide for Containing Debris Generated During Paint Removal Operations	General	
SSPC Guide 7	Guide for the Disposal of Lead Contaminated Surface Preparation Debris	General	
SSPC Guide 15	Field Methods for Extraction and Analysis of Soluble Salts on Steel and Other Nonporous Substrates	Salt Testing	Bresle / Chlor-Rid / MTest / Kfe Paper
SSPC SP TU4	Retrieval and Analysis of Soluble Salts on Substrates	Surface Preparation - Steel	TQC-SP7310 / SaltSmart /Chlor-Test /KFE Paper
SSPC-PA 1	Paint Application Specifications	Surface Preparation - Steel	128
SSPC-PA 2	Measurement of Paint Thickness with Magnetic Gages	Surface Preparation - Steel	128 / POSITEST 6000 / Quanix / Elektrophysique
SSPC-PA2	Measurement of dry paint thickness with magnetic gauges, Magnetic gauges.	Coating Thickness – Non Destructive	POSITEST 6000 / Quanix / Elektrophysique
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SSPC-SP 3	Power Tool Cleaning	Surface Preparation - Steel	128
SSPC-SP 5/NACE 1	White Metal Blast Cleaning	Surface Preparation - Steel	128
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SSPC-SP 7/NACE 4	Brush-off Blast Cleaning	Surface Preparation - Steel	128
SSPC-SP 10/NACE 2	Near-White Blast Cleaning	Surface Preparation - Steel	128
SSPC-SP 11	Power Tool Cleaning to Bare Metal	Surface Preparation - Steel	128

SSPC-SP 12/NACE 5	Surface Preparation and Cleaning of Steel and Other Hard Materials by High- and Ultrahigh-Pressure Water Jetting Prior to Recoating	Surface Preparation - Steel	128
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SSPC-VIS 3	Visual Standard for Power and Hand Tool Cleaned Steel	Surface Preparation - Steel	128
SSPC-VIS 4/NACE VIS 7	Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting	Surface Preparation - Steel	128
SSPC-VIS 5/NACE VIS 9	Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning	Surface Preparation - Steel	128