

Coating standards specifically available for the oil & gas industry

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| API Bull 91 | Planning and Conducting Surface Preparation and Coating Operations for Oil and Natural Gas Drilling and Production Facilities in a Marine Environment |
| API RP 5L2 | RP for Internal Coating of Line Pipe for Non-Corrosive Gas Transmission Service |
| API RP 5L7 | RP for Un-primed Internal Fusion Bonded Epoxy Coating of Line Pipe |
| API RP 5L9 | External Fusion Bounded Epoxy Coating of Line Pipe |
| API RP 652 | Linings of Aboveground Petroleum Storage Tank Bottoms |
| API 1160 | Managing system integrity for hazardous liquid pipelines |
| API 2217A | Guidelines for Work in Inert Confined Spaces in the Petroleum Industry |
| ASTM 06.02 | Paint-Products and Applications; Protective Coatings; Pipeline Coatings |
| ASTM G 8 | Test method for cathodic disbanding of pipeline coatings |
| ASTM G14 | Standard Test Method for Impact Resistance of Pipeline Coatings (Falling Weight Test). |
| ASTM G17 | Standard Test Method for Penetration Resistance of Pipeline Coatings (Blunt Rod). |
| DNV RP-F102 | Pipeline field joint coating and field repair of line pipe coating |
| DNV RP-F106 | Factory applied external pipeline coatings for corrosion control. |
| EN 10288 | Steel Tubes and Fittings for Onshore and Offshore Pipelines - External Two Layer Extruded Polyethylene Based Coatings |
| EN 10289 | Steel Tubes and Fittings for Onshore and Offshore Pipelines - External Liquid Applied Epoxy and Epoxy-Modified Coatings |
| EN 10290 | Steel Tubes and Fittings for Onshore and Offshore Pipelines External Liquid Applied Polyurethane and Polyurethane-Modified Coatings |
| EN 10300 | Steel tubes and fittings for onshore and offshore Pipelines - Bituminous hot applied materials for external coating |
| EN 10301 | Steel tubes and fittings for on and offshore pipelines - Internal coating for the reduction of friction for conveyance of non corrosive gas |
| EN 10310 | Steel tubes and fittings for onshore and offshore pipelines - Internal and external polyamide powder based coatings |
| EN 10329 | Steel tubes and fittings for onshore and offshore pipelines - External field joint coatings |
| EEMUA 194 | Guidelines for Materials Selection and Corrosion Control for Subsea Oil and Gas Production Equipment |
| ISO 15741 | Paints and varnishes - Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases |

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| ISO 20340 | Paints and varnishes – Performance requirements for protective paint systems for offshore and related structures |
| ISO 21809 | Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems: <i>Part 1: Polyolefin coatings (3-layer PE and 3-layer PP) (In preparation)</i> Part 2: Fusion-bonded epoxy coatings (issued 2007) Part 3: Field joint coatings (issued 2008) <i>Part 4: Polyethylene coatings (2-Layer PE) (In preparation)</i> <i>Part 5: External concrete coatings (In preparation)</i> |
| NACE 30105 | Electrical Isolation/Continuity and Coating Issues for Offshore Pipeline Cathodic Protection Systems |
| NACE RP0105 | Standard Recommended Practice Liquid-Epoxy Coatings for External Repair, Rehabilitation, and Weld Joints on Buried Steel Pipelines |
| NACE RP-0176 | Corrosion Control of Steel, Fixed Offshore Platforms Associated with Petroleum Production |
| NACE RP0178 | Fabrication Details, Surface Finish Requirements, and Proper Design Considerations for Tanks and Vessels to be Lined for Immersion Surface. |
| NACE RP0188 | Discontinuity (Holiday) Testing of Protective Coatings |
| NACE RP0191 | Application of Internal Plastic Coatings for Oilfield Tubular Goods and Accessories |
| NACE RP0193 | External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms |
| NACE RP0198 | Control of Corrosion Under Thermal Insulation and Fireproofing Materials - A Systems Approach |
| NACE RP0274 | High-Voltage Electrical Inspection of Pipeline Coatings |
| NACE RP0303 | Standard Recommended Practice Field-Applied Heat-Shrinkable Sleeves for Pipelines: Application, Performance, and Quality Control |
| NACE RP0304 | Design, Installation, and Operation of Thermoplastic Liners for Oilfield Pipelines |
| NACE RP0375 | Field-Applied Underground Wax Coating Systems for Underground Pipelines: Application, Performance, and Quality Control |
| NACE RP0394 | Application, Performance, and Quality Control of Plant-Applied, Fusion-Bonded Epoxy External Pipe Coating |
| NACE RP0399 | Plant Applied, External Coal Tar Enamel Pipe Coating Systems: Application, Performance, and Quality Control |
| NACE RP0402 | Field-Applied Fusion-Bonded Epoxy (FBE) Pipe Coating Systems for Girth Weld Joints: Application, Performance, and Quality Control |
| NACE RP0602 | Field-Applied Coal Tar Enamel Pipe Coating Systems: Application, Performance, and Quality Control |
| NACE RP0892 | Coatings and Linings over Concrete for Chemical Immersion and Containment Service |
| NACE SP0108 | Corrosion Control of Offshore Structures by Protective Coatings |
| NACE SP0169 | Control of External Corrosion on Underground or Submerged Metallic Piping Systems |
| NACE SP0181 | Liquid-Applied Internal Protective Coatings for Oilfield Production Equipment |
| NACE SP0185 | Extruded Polyolefin Resin Coating Systems with Soft Adhesives for Underground or Submerged Pipe |
| NACE SP0490 | Holiday Detection of Fusion-Bonded Epoxy External Pipeline Coatings of 250 to 760 um (10 to 30 Mils) |
| NACE TM0102 | Measurement of Protective Coating Electrical Conductance on Underground Pipelines |
| NACE TM0104 | Offshore Platform Ballast Water Tank Coating System Evaluation |

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| NACE TM0105 | Test Procedures for Organic-Based Conductive Coating Anodes for Use on Concrete Structures |
| NACE TM0174 | Laboratory Methods for the Evaluation of Protective Coatings and Linings Materials on Metallic Substrates in Immersion Service |
| NACE TM0185 | Evaluation of Internal Plastic Coatings for Corrosion Control of Tubular Goods by Autoclave Testing |
| NACE TM0186 | Holiday Detection of Internal Tubular Coatings of 250 to 760µm (10 to 30 Mils) Dry Film Thickness |
| NACE TM0204 | Exterior Protective Coatings for Seawater Immersion Service |
| NACE TM0299 | Corrosion Control and Monitoring in Seawater Injection Systems |
| NACE TM0304 | Offshore Platform Atmospheric and Splash Zone Maintenance Coating System Evaluation |
| NACE TM0384 | Holiday Detection of Internal Tubular Coatings of Less Than 250 Micrometers (10 mils) Dry-Film Thickness |
| NACE TM0404 | Offshore Platform Atmospheric and Splash Zone New Construction Coating System Evaluation |
| NORSOK M-501 | Surface preparation and protective coating |

Generally applicable coating or related standards

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| ABS 49 | The Inspection, Maintenance and Application of Marine Coating Systems |
| ABS 153 | Guide for the Class Notation Coating performance standard |
| AFNOR NF M87-803 | Oil industry - Ballast coating for pipes - Implementation. |
| AFNOR NF M88-516 | Steel tanks with outside concrete coating for underground storage of mineral oils. |
| ANSI A13.1 | Scheme for identification of piping systems |
| ANSI Z535.1 | Safety Color Code |
| API/EI Std 1541 | Performance requirements for protective coating systems used in aviation fuel storage tanks & piping |
| ASTM A 123/A123M | Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products |
| ASTM A 143 | Safeguarding Against Embrittlement of Hot-Dip, Galvanized Structural Steel Products |
| ASTM A 153/A153M | Zinc Coating (Hot-Dip) on Iron and Steel Hardware |
| ASTM A 385 | Standard Specification for Zinc Dust Pigment |
| ASTM A 392 | Specification for zinc-coated steel chain-link fence fabric. |
| ASTM A 780 | Specification for repair of damaged hot-dip galvanized coatings. |
| ASTM A 972/A972M | Standard Specification for Fusion Bonded Epoxy Coated Pipe Piles |
| ASTM B 117 | Standard Practice for Operating Salt Spray (fog) Apparatus |
| ASTM C633 | Standard Test Method for Adhesion or Cohesion Strength of Thermal Spray Coatings (NOTE - often preferred by thermal sprayers to ASTM D4541). |
| ASTM D16 | Standard Terminology for Paint, Related Coatings, Materials, and Applications |
| ASTM D 521 | Test methods for chemical analysis of zinc dust (metallic zinc powder) |
| ASTM D 570 | Standard test method for water absorption of plastics |
| ASTM D 610 | Standard Test Method for Evaluating Degree of Rusting on Painted Steel Surfaces. |
| ASTM D 638 | Standard Test Method for Tensile Properties of Plastics |

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| ASTM D 823 | Method of producing films of uniform thickness of paint, varnish, lacquer and related products on test panels |
| ASTM D 1000 | Method of testing pressure sensitive adhesive coated tapes used for electrical insulation |
| ASTM D 1141 | Specification for substitute ocean water |
| ASTM D 1186 | Standard Test Methods for Non-Destructive Measurement of Dry Film Thickness of Non-Magnetic Coatings Applied to a Ferrous Base. |
| ASTM D 1200 | Test method for viscosity of paints, varnishes and lacquers by Ford viscosity cup |
| ASTM D 1212 | Standard Test Methods for Measurement of Wet Film Thickness of Organic Coatings |
| ASTM D 3276 | Standard Guide for Painting Inspectors (Metal Substrates) |
| ASTM D 1640 | Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature |
| ASTM D 2092 | Practices for preparation of zinc-coated galvanized steel structures for paint |
| ASTM D 2240 | Standard Test Method for Rubber Property—Durometer Hardness |
| ASTM D 2369 | Test method for volatile content of coatings |
| ASTM D 2371 | Test method for pigment content of solvent-reducible paints |
| ASTM D 3359 | Method for measuring adhesion by tape test |
| ASTM D 3418 | Standard Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry |
| ASTM D3451 | Standard Guide for Testing Coating Powders and Powder Coatings |
| ASTM D 4060 | Standard test method for abrasion resistance of organic coatings by the Taber abraser |
| ASTM D4228 | Standard Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces. |
| ASTM D 4285 | Test method for indicating oil or water in compressor air |
| ASTM D 4414 | Standard Practice for Measurement of Wet Film Thickness by Notch Gages |
| ASTM D 4417 | Method C Test method for Field Measurement of Surface Profile |
| ASTM D 4541 | Test method for pull-off strength of coatings using portable adhesion testers. |
| ASTM D 4752 | Standard Test Method for Measuring MEK Resistance of Ethyl Silicate (Inorganic) Zinc-Rich Primers by Solvent Rub. |
| ASTM D 4940 | Standard Test Method for Conductimetric Analysis of Water Soluble Ionic Contamination of Blasting Abrasives |
| ASTM D5144 | Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants |
| ASTM D7490 | Standard Test Method for Measurement of the Surface Tension of Solid Coatings, Substrates and Pigments using Contact Angle Measurements |
| ASTM E 337 | Standard Test Method for Measuring Humidity with a Psychrometer (Wet and Dry Bulb Temperatures) |
| ASTM F 21 | Standard Test Method for Hydrophobic Surface Films by Atomiser Test |
| ASTM G 53 | Recommended practice for operating light – and water – exposure apparatus (fluorescent UV-condensation type) for exposure of nonmetallic materials |
| ASTM G65 | Standard Test Method for Measuring Abrasion Using the Dry Sand/Rubber Wheel Apparatus |
| ASTM G99 | Standard Test Method for Wear Testing with a Pin-on-Disk Apparatus |
| AWWA C-203 | Coal tar protective coatings and linings for steel water pipelines-enamel and tape-hot applied |

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| AWWA C213 | Standard for Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Lines |
| BS 381C | Colour for Identification, Coding and Special Purposes |
| BS 1710 | Identification of Pipelines and Services |
| BS 2451 | Chilled Iron, Shot and Grit |
| BS 2482 | Whirling Hygrometers |
| BS 3900 | Methods for Testing Coatings |
| BS 4164 | Specification for coal tar based, hot applied coating materials for protecting iron and steel including suitable primers. |
| BS 4800 | Specification for Paint Colours for Building Purposes |
| BS 5378 | Safety Signs and Colours: Colour and Design. |
| BS 5493 | Code of Practice for Protective Coating of Iron and Steel against Corrosion |
| BS 5973 | Code of Practice for Access and Working Scaffolds and Special Scaffold Structures in Steel |
| BS 6374 | Lining of Equipment with Polymeric Materials for the Process Industries |
| CSA-Z245.20-06 | External Fusion Bond Epoxy Coating for Steel Pipe |
| CSA Z245.21-06 | External polyethylene coating for pipe |
| DIN 32521 | Acceptance test and quality control for thermal spraying equipment. |
| DNV CN 33.1 | Corrosion prevention of tanks and holds |
| DNV OS-F101 | Submarine pipeline systems |
| EFC 20 | Organic and Inorganic Coatings for Corrosion Prevention - Research and Experience |
| EFC 54 | Innovative pre-treatment techniques to prevent corrosion of metallic surfaces |
| EN Standards | CEN has adopted most of the ISO standards issued by ISO/TC35 Paints and varnishes, but for simplicity they are not shown here. Go to www.cen.eu for individual standards title references. |
| EN 582 | Thermal spraying. Determination of tensile adhesive strength |
| EN 1403 | Corrosion protection of metals - Electrodeposited coatings - Method of specifying general requirements |
| EN 10142 | Specification for continuously hot-dip zinc coated low carbon steel sheet and strip for cold forming: technical delivery conditions |
| EN 10147 | Continuously hot-dip zinc coated structural steels strip and sheet. Technical delivery conditions |
| EN 10240 | Internal and/or External Protective Coatings for Steel Tubes - Specification for Hot Dip Galvanized Coatings Applied in Automatic Plants |
| EN 12540 | Corrosion protection of metals - Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and copper plus nickel plus chromium |
| EN 13143 | Metallic and other inorganic coatings - Definitions and conventions concerning porosity |
| EN 13144 | Metallic and other inorganic coatings – Method for quantitative measurement of adhesion by tensile test |
| EN 22063 | Metallic and Other Inorganic Coatings – Thermal Spraying |
| IMO MSC.215(82) | Performance standard for protective coatings for dedicated seawater ballast tanks in all types of ships and double-side skin spaces of bulk carriers |

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| IMO MSC.244(83) | Performance standard for protective coatings for void spaces on bulk carriers and oil tankers |
| IMO A.798(19) | Guidelines for the selection, application and maintenance of corrosion prevention systems of dedicated seawater ballast tanks |
| IMO MSC.1/Circ.1279 | Guidelines for corrosion protection of permanent means of access arrangements |
| IMO MSC.1/Circ.1330 | Guidelines for maintenance and repair of protective coatings |
| IS-5 | Colour coding |
| IS-101 | Methods for test for ready mixed paints and enamels |
| IS-2379 | Indian Standard for Pipe line identification-colour code |
| ISO 62 | Plastics – Determination of water absorption |
| ISO 179-2 | Plastics – Determination of Charpy impact properties – Part 2: Instrumented impact test |
| ISO 306 | Plastics – Thermoplastic materials – Determination of Vicat softening temperature |
| ISO 527-1 | Plastics – Determination of tensile properties – Part 1: General principles |
| ISO 527-2 | Plastics – Determination of tensile properties – Part 2: Test conditions for moulding and extrusion plastics |
| ISO 787-10 | General methods of test for pigments and extenders - Part 10: Determination of density. Pycnometer method |
| ISO 868 | Plastics and ebonite – Determination of indentation hardness by means of a Durometer (Shore hardness) |
| ISO 1133 | Plastics – Determination of the melt-mass flow rate (MFR) and melt-volume flow rate (MVR) of thermoplastics |
| ISO 1183 | Plastics-Test method for determining the density and relative density of non-cellular plastics |
| ISO 1461 | Metallic coatings - Hot-dip galvanised coating on fabricated ferrous products |
| ISO 1512 | Paints and varnishes – Sampling of products in liquid or paste forms |
| ISO 1513 | Paints and varnishes – Examination and preparation of samples for testing |
| ISO 1514 | Paints and varnishes – Standard panels for testing |
| ISO 1516 | Paints and varnishes – Closed cup equilibrium method |
| ISO 1517 | Paints and varnishes – Surface-drying test – Ballotini method |
| ISO 1519 | Paints and varnishes – Bend test (cylindrical mandrel) |
| ISO 1524 | Paints and varnishes – Determination of fineness of grind |
| ISO 2063 | Thermal Spraying - Metallic and Other Inorganic Coatings - Zinc, Aluminium and Their Alloys |
| ISO 2080 | Metallic and other inorganic coatings – Surface treatment, metallic and other inorganic coatings – Vocabulary |
| ISO 2409 | Paints and varnishes – Cross-cut test |
| ISO 2431 | Paints and varnishes – Determination of flow time by use of flow cups |
| ISO 2555 | Plastics – Resins in the liquid state or as emulsions or dispersions – Determination of apparent viscosity by the Brookfield Test method |
| ISO 2808 | Paints and varnishes - Determination of film thickness |
| ISO 2811 | Paints and varnishes – Determination of density |
| ISO 2812 | Paints and varnishes - Determination of resistance to liquids |
| ISO 2813 | Paints and varnishes – Determination of specular gloss of non-metallic paint films at 20 degrees, 60 and 85 degrees. |
| ISO 2814 | Paints and varnishes - Comparison of contrast ratio (hiding power) of paint of the same type and colour |

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| ISO 2815 | Paint and Varnishes – Buchholz Indentation Test Method |
| ISO 2632 | Roughness Comparison Specimens, Cast Surfaces |
| ISO 2808 | Paints and varnishes – Determination of film thickness |
| ISO 2814 | Paints and varnishes - Comparison of contrast ratio (hiding power) of paint of the same type and colour |
| ISO 3001 | Plastics – Epoxy compounds – Determination of epoxy equivalent |
| ISO 3231 | Paints and varnishes – Determination of resistance to humid atmospheres containing sulphur dioxide |
| ISO 3233 | Coating and varnishes determination of volume of dry coating obtained from a given volume of liquid coating |
| ISO 3251 | Paints and varnishes –Determination of non-volatile matter of paints, varnishes and binders for paints and varnishes |
| ISO 3549 | Zinc dust pigments for paints – Specifications and test methods |
| ISO 3678 | Paints and varnishes - Print-free test |
| ISO 3892 | Conversion coatings on metallic materials - Determination of coating mass per unit area - Gravimetric methods |
| ISO 4287 | Geometrical Product Specifications (GPS) – Surface texture: Profile method – Terms, definitions and surface texture parameters |
| ISO 4541 | Metallic and other non-organic coatings - Corrodokote corrosion test |
| ISO 4543 | Metallic and other non-organic coatings - General rules for corrosion tests applicable for storage conditions |
| ISO 4623 | Paints and varnishes – Determination of resistance to filiform corrosion |
| ISO 4624 | Paints and varnishes - Pull-off test for adhesion |
| ISO 4628 | Paints and varnishes - Evaluation of degradation of paint coatings Designation of intensity, quantity and size of common types of defect |
| ISO 4892-2 | Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps |
| ISO 4998 | Continuous hot-dip zinc-coated carbon steel sheet of structural quality |
| ISO 6270 | Paints and varnishes – Determination of resistance to humidity |
| ISO 6860 | Paints and varnishes – Bend test (conical mandrel) |
| ISO 6964 | Polyolefine pipes and fittings: Determination of carbon black content by calcinations and pyrolysis: Test method and basic principles |
| ISO 7253 | Paints and Varnishes – Determination of Resistance to Neutral Salt Spray. |
| ISO 7724 | Paints and varnishes. Determination of colour and colour difference |
| ISO 8130-6 | Coating powders – Part 6- Determination of gel time of thermosetting coating powders at a given temperature |
| ISO 8401 | Metallic coatings - Review of methods of measurement of ductility |
| ISO 8403 | Metallic coatings - Coatings anodic to the substrate - Rating of test specimens subjected to corrosion tests |
| ISO 8302 | Thermal insulation-Determination of steady state thermal resistance and related properties-Guarded hot plate apparatus |
| ISO 8501 | Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness – Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings Part 2: Preparation grades of previously coated steel substrates after localized removal of previous coatings Part 3: Preparation grades of welds, edges and other areas with surface imperfections Part 4: Initial surface conditions, preparation grades and flash rust grades in connection with high-pressure water jetting |
| ISO 8502 | Preparation of steel substrates before application of paints and related products – Test for the assessment of surface cleanliness |

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| | Part 2: Laboratory determination of chloride on cleaned surfaces |
| | Part 3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method) |
| | Part 4: Guidance on the estimation of the probability of condensation prior to paint application |
| | Part 5: Measurement of chloride on steel surfaces prepared for painting (ion detection tube method) |
| | Part 6: Extraction of soluble contaminants for analysis - The Bresle method |
| | Part 8: Field method for the refractometric determination of moisture |
| | Part 9: Field method for the conductometric determination of water-soluble salts |
| | Part 11: Field method for the turbidimetric determination of water-soluble sulfate |
| | Part 12: Field method for the titrimetric determination of water-soluble ferrous ions |
| ISO 8503 | Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast cleaned substrates. Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel - Comparator procedure Part 3: Method for the calibration of ISO surface profile comparators and for the determination of surface profile - Focusing microscope procedure Part 4: Method for the calibration of ISO surface profile comparators and for the determination of surface profile - Stylus instrument procedure Part 5: Replica tape method for the determination of the surface profile |
| ISO 8504 | Preparation of steel substrates before application of paints and related products - Surface preparation methods Part 1: General principles Part 2: Abrasive blast cleaning. Part 3: Hand- and power-tool cleaning |
| ISO 9220 | Metallic coatings - Measurement of coating thickness - Scanning electron microscope method |
| ISO 9223 | Corrosion of metals and alloys. Atmospheres' corrosivity. Classification |
| ISO 9227 | Corrosion tests in artificial atmospheres – Salt spray tests |
| ISO 10308 | Metallic coatings – review of porosity test |
| ISO 11124 | Preparation of steel substrates before application of paints and related products – Specifications for metallic blast-cleaning abrasives – 4 parts |
| ISO 11125 | Paints and varnishes – Preparation of steel substrates before application of paints and related products. Test methods for metallic blast-cleaning abrasives – 7 parts |
| ISO 11126 | Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – 8 parts |
| ISO 11127 | Paints and varnishes – Preparation of steel substrates before application of paints and related products. Test methods for non-metallic blast-cleaning abrasives – 7 parts |
| ISO 11295 | Guidance on the classification and design of plastics piping systems used for renovation |
| ISO 11357-1 | Plastics – Differential scanning calorimetry (DSC) – Part 1: General principles |

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| ISO 11357-3 | Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization |
| ISO 12944 | Paints and Varnishes – Corrosion protection of steel structures by protective paint systems Part 1: General introduction Part 2: Classification of environments Part 3: Design considerations. Part 4: Types of surface and surface preparation Part 5: Protective paint systems Part 6: Laboratory performance test methods Part 7: Execution and supervision of paint work Part 8: Development of specifications for new work and maintenance |
| ISO 14713 | Protection Against Corrosion of Iron and Steel in Structures – Zinc and Aluminium Coatings - Guidelines |
| ISO 14918 | Thermal Spraying - Approval Testing of Thermal Sprayers |
| ISO 16348 | Metallic and other inorganic coatings - Definitions and conventions concerning appearance |
| ISO 19840 | Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Measurement of, and acceptance criteria for, the thickness of dry film on rough surfaces |
| ISO 28199 | Paints and varnishes - Evaluation of properties of coating systems related to the application process – 3 parts |
| NACE 6A100 | Coatings Used in Conjunction with Cathodic Protection |
| NACE 6A192 | Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Areas |
| NACE 6A287 | Electroless Nickel Coatings |
| NACE 6H188 | Coatings over Nonabrasive-Cleaned Steel Surfaces |
| NACE 10D199 | Coatings for the Repair and Rehabilitation of the External Coatings of Buried Steel Pipelines |
| NACE 2103 | Liquid-Applied Coatings for High-Temperature Atmospheric Service |
| NACE 37507 | Corrosion Prevention by Protective Coatings |
| NACE 80200 | Preparation of Protective Coating Specifications for Atmospheric Service |
| NACE NO. 4 | Brush-Off Blast Cleaning |
| NACE NO. 5 | Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating |
| NACE NO. 8 | Industrial Blast Cleaning |
| NACE NO. 11 | Thin-Film Organic Linings Applied in New Carbon Steel Process Vessels |
| NACE RP0169 | Standard Recommended Practice for Control of External Corrosion on Underground or Submerged Metallic Piping Systems |
| NACE RP0188 | Discontinuity (holiday) testing of protective coatings |
| NACE RP 0274 | High voltage electrical inspection of pipeline coatings prior to installation |
| NACE RP0287 | Field Measurements of Surface Profile of Abrasive Blast Cleaned Steel Surface Using Replica Tape. |
| NACE RP0394 | Standard Recommended Practice for Application, Performance and Quality Control of Plant Applied, Fusion-Bonded Epoxy External Pipe Coating. |
| NACE RP0490 | Standard Recommended Practice for Holiday Detection of Fusion-Bonded Epoxy External Coating of 250 to 760 Microns (10 to 30 mils) |
| NACE RP0495 | Guidelines for Qualifying Personnel as Abrasive Blasters and Coating and Lining Applicators in the Rail Industries |

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| NACE SP0188 | Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates |
| NACE TM0109 | Aboveground Survey Techniques for the Evaluation of Underground Pipeline Coating Condition |
| NACE TM0174 | Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials on Metallic Substrates in Immersion Service |
| NACE TM0183 | Evaluation of Internal Plastic Coatings for Corrosion Control of Tubular Goods in an Aqueous Flowing Environment |
| NF A 49 710 | External three layer polyethylene based coating |
| NF A 49 711 | External triple layer polypropylene based coating – Appendix K: Test for evaluating delamination resistance under negative polarization |
| NF T 34 550 | Paints and varnishes- Corrosion protection of steel structures by protective paints systems – Specifications |
| NORSOK M-001 | Material selection |
| NORSOK S-002 | Working environment |
| NS 476 | Paints and coatings - Approval and certification of surface treatment inspectors |
| OCIMF | International Safety Guide for Oil Tankers and Terminals |
| PIP CTCE1000 | External Coating System Selection Criteria |
| PIP CTSC1000 | Application of Coatings to Concrete |
| PIP CTSE1000 | Application of External Coatings |
| PIP CTSL1000 | Application of Internal Linings |
| PIP CTSU1000 | Application of Underground Coatings |
| PIP CTEG1000 | Guidelines for Use of Coatings Practices |
| PIP CTGG1000 | Coatings Document Use Guideline |
| RAL 840 HR | Deutschen Normen Ausschuss |
| SIS 055900 | Pictorial Surface Preparation Standards for Coating Steel Surfaces |
| SFS 8145 | Anticorrosive painting, surface preparation methods of blast cleaned and shop primer coated steel substrates and preparation grades for respective treatments. |
| SSPC | Volume 1 Good Painting Practice |
| SSPC | Volume 2 Systems and Specifications |
| SSPC-SP COM, | Surface Preparation Commentary for Steel and Concrete Substrates |
| SSPC-SP 1, | Solvent Cleaning |
| SSPC-SP 2, | Hand Tool Cleaning |
| SSPC-SP 3, | Power Tool Cleaning |
| SSPC-SP 5/NACE No. 1 | White Metal Blast Cleaning |
| SSPC-SP 6/NACE No. 3 | Commercial Blast Cleaning |
| SSPC-SP 7/NACE No. 4 | Brush-Off Blast Cleaning |
| SSPC-SP 8 | Pickling |
| SSPC-SP 10/NACE No. 2 | Near-White Blast Cleaning |
| SSPC-SP 11 | Power Tool Cleaning to Bare Metal |
| SSPC-SP 12/NACE No. 5 | Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating |
| SSPC-SP 13/NACE No. 6 | Surface Preparation of Concrete |

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| SSPC-SP 14/NACE No. 8 | Industrial Blast Cleaning |
| SSPC-SP 15 | Commercial Grade Power Tool Cleaning |
| SSPC-TR 1/NACE 6G194 | Thermal Pre-Cleaning |
| SSPC-TR 2/NACE 6G198 | Wet Abrasive Blast Cleaning |
| SSPC-TR 3/NACE 6A192 | Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Spaces |
| SSPC-TR 4/NACE 80200 | Preparation of Protective Coating Specifications for Atmospheric Service |
| SSPC-TR 5/ICRI 03741/NACE 02203 | Design, Installation, and Maintenance of Protective Polymer Flooring Systems for Concrete |
| SSPC-AB 1 | Mineral and Slag Abrasives |
| SSPC-AB 2 | Cleanliness of Recycled Ferrous Metallic Abrasives |
| SSPC-AB 3 | Ferrous Metallic Abrasive |
| SSPC-PS 1.00 | Guide for Selecting Oil Base Painting Systems |
| SSPC-PS 1.09 | Three-Coat Oil Base Zinc Oxide Painting System (Without Lead or Chromate Pigment) |
| SSPC-PS 1.10 | Four-Coat Oil Base Zinc Oxide Painting System (Without Lead or Chromate Pigment) |
| SSPC-PS 1.13 | One-Coat Oil Base Slow Drying Maintenance Painting System (Without Lead or Chromate Pigments) |
| SSPC-PS Guide 2.00 | Guide for Selecting Alkyd Painting Systems |
| SSPC-PS Guide 4.00 | Guide for Selecting Vinyl Painting Systems |
| SSPC-PS 4.02 | Four-Coat Vinyl Painting System |
| SSPC-PS 4.04 | Four-Coat White or Colored Vinyl Painting System (For Fresh Water, Chemical, and Corrosive Atmospheres) |
| SSPC-PS Guide 7.00 | Guide for Selecting One-Coat Shop Painting Systems |
| SSPC-PS Guide 8.00 | Guide to Topcoating Zinc-Rich Primers |
| SSPC-PS 9.01 | Cold-Applied Asphalt Mastic Painting System with Extra Thick Film |
| SSPC-PS 10.01 | Hot-Applied Coal Tar Enamel Painting System |
| SSPC-PS 10.02 | Cold-Applied Coal Tar Mastic Painting System |
| SSPC-PS 11.01 | Black (or Dark Red) Coal Tar Epoxy-Polyamide Painting System |
| SSPC-PS Guide 12.00 | Guide to Zinc-Rich Coating Systems |
| SSPC-PS 12.01 | One Coat Zinc-Rich Painting System |
| SSPC-PS 13.01 | Epoxy Polyamide Painting System |
| SSPC-PS 14.01 | Steel Joist Shop Painting System |
| SSPC-PS Guide 15.00 | Guide for Selecting Chlorinated Rubber Painting Systems |
| SSPC-PS 15.01 | Chlorinated Rubber Painting System for Salt Water Immersion |
| SSPC-PS 15.02 | Chlorinated Rubber Painting System for Fresh Water Immersion |
| SSPC-PS 15.03 | Chlorinated Rubber Painting System for Marine and Industrial Atmospheres |
| SSPC-PS 15.04 | Chlorinated Rubber Painting System for Field Application Over a Shop-Base Inorganic Zinc-Rich Primer |
| SSPC-PS 16.01 | Silicone Alkyd Painting System for New Steel |
| SSPC-PS Guide 17.00 | Guide for Selecting Urethane Painting Systems |
| SSPC-PS 18.01 | Three-Coat Latex Painting System |
| SSPC-PS Guide 19.00 | Guide for Selecting Painting Systems for Ship Bottoms |
| SSPC-PS Guide 20.00 | Guide for Selecting Painting Systems for Boottoppings |
| SSPC-PS Guide 21.00 | Guide for Selecting Painting Systems for Topsides |
| SSPC-PS Guide 22.00 | Guide for Selecting One-Coat Preconstruction or Prefabrication Painting Systems |
| SSPC-CS 23.00/AWS C2.23M/NACE No. 12 | |

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| | Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel |
| SSPC-PS 24.00 | Latex Painting System for Industrial and Marine Atmospheres, Performance-Based |
| SSPC-PS 26.00 | Aluminum Pigmented Epoxy Coating System Materials Specification, Performance-Based |
| SSPC-PS 27.00 | Alkyd Coating System Materials Specification, Performance-Based |
| SSPC-Paint COM | Commentary on Paint Specifications |
| SSPC-Paint 8 | Aluminum Vinyl Paint |
| SSPC-Paint 9 | White (or Colored) Vinyl Paint |
| SSPC-Paint 15 | Steel Joist Shop Primer/Metal Building Primer |
| SSPC-Paint 16 | Coal Tar Epoxy-Polyamide Black (or Dark Red) Paint |
| SSPC-Paint 17 | Chlorinated Rubber Inhibitive Primer |
| SSPC-Paint 18 | Chlorinated Rubber Intermediate Coat Paint |
| SSPC-Paint 19 | Chlorinated Rubber Topcoat Paint |
| SSPC-Paint 20 | Zinc-Rich Coating, Type I - Inorganic and Type II - Organic |
| SSPC-Paint 21 | White or Colored Silicone Alkyd Paint |
| SSPC-Paint 22 | Epoxy Polyamide Paints (Primer, Intermediate, and Topcoat) |
| SSPC-Paint 23 | Latex Primer for Steel Surfaces |
| SSPC-Paint 24 | Latex Semigloss Exterior Topcoat |
| SSPC-Paint 25 | Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Hand Cleaned Steel |
| SSPC-Paint 25 | BCS, Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Blast Cleaned Steel |
| SSPC-Paint 26 | Slow-Drying Linseed Oil Black Maintenance Primer (Without Lead or Chromate Pigment) |
| SSPC-Paint 27 | Basic Zinc Chromate-Vinyl Butyral Wash Primer |
| SSPC-Paint 28 | Water-Borne Epoxy Primer for Steel Surfaces |
| SSPC-Paint 29 | Zinc Dust Sacrificial Primer, Performance-Based |
| SSPC-Paint 30 | Weld-Through Inorganic Zinc Primer |
| SSPC-Paint 31 | Single-Package Water-Borne Alkyd Primer for Steel Surfaces, Performance-Based |
| SSPC-Paint 32 | Coal Tar Emulsion Coating |
| SSPC-Paint 33 | Coal Tar Mastic, Cold Applied |
| SSPC-Paint 34 | Water-Borne Epoxy Topcoat for Steel Surfaces |
| SSPC-Paint 35 | Medium Oil Alkyd Primer (Air Dry/Low Bake) |
| SSPC-Paint 36 | Two-Component Weatherable Aliphatic Polyurethane Topcoat, Performance-Based |
| SSPC-Paint 37 | Waterborne Epoxy Coating for Cementitious Substrates, Performance-Based |
| SSPC-Paint 38 | Single-Component Moisture-Cure Weatherable Aliphatic Polyurethane Topcoat, Performance-Based |
| SSPC-Paint 39 | Two-Component Aliphatic Polyurea Topcoat, Fast or Moderate Drying, Performance-Based |
| SSPC-Paint 101 | Aluminum Alkyd Paint |
| SSPC-Paint 102 | Black Alkyd Paint |
| SSPC-Paint 104 | White or Tinted Alkyd Paint |
| SSPC-Paint 106 | Black Vinyl Paint |
| SSPC-Paint 108 | High-Build Thixotropic Leafting Aluminum Paint |
| SSPC-PA COM | Commentary on Paint Application Monitoring and Controlling Ambient Conditions During Coating Operations |

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| SSPC-PA 1 | Shop, Field, and Maintenance Painting of Steel |
| SSPC-PA 2 | Measurement of Dry Coating Thickness with Magnetic Gages |
| SSPC-PA 3 | A Guide to Safety in Paint Application |
| SSPC-PA Guide 4 | Guide to Maintenance Repainting with Oil Base or Alkyd Painting Systems |
| SSPC-PA Guide 5 | Guide to Maintenance Coating of Steel Structures in Atmospheric Surface |
| SSPC-PA 6/NACE No. 10 | Fiberglass-Reinforced Plastic (FRP) Linings Applied to Bottoms of Carbon Steel Aboveground Storage Tanks |
| SSPC-PA 7 | Applying Thin Film Coatings to Concrete |
| SSPC-PA 8/NACE No. 11 | Thin-Film Organic Linings Applied in New Carbon Steel Process Vessels |
| SSPC-QP COM | Commentary on Qualification Procedures |
| SSPC-QP 1 | Standard Procedure for Evaluating Painting Contractors (Field Application to Complex Industrial Structures) |
| SSPC-QP 2 | Standard Procedure for the Qualification of Painting Contractors (Field Removal of Hazardous Coatings from Complex Structures) |
| SSPC-QP 3 | Standard Procedure for Evaluating Qualifications of Shop Painting Applicators |
| SSPC-QP 4 | Standard Procedure for Evaluating the Qualifications of Contractors Disturbing Hazardous Coatings During Demolition and Repair Work |
| SSPC-QP 5 | Standard Procedure for Evaluating the Qualifications of Coating and Lining Inspection Companies |
| SSPC-QP 6 | Standard Procedure for Evaluating the Qualifications of Contractors Who Apply Thermal Spray (Metallizing) for Corrosion Protection of Steel and Concrete Structures |
| SSPC-QP 7 | Procedure for Evaluating Painting Contractors with Limited Industrial Work Experience |
| SSPC-QP 8 | Standard Procedure for Evaluating the Qualifications of Contracting Firms That Install Polymer Coatings and Surfacing on Concrete and Other Cementitious Substrates |
| SSPC-QS 1 | Standard Procedure for Evaluating a Contractor's Advanced Quality Management System |
| SSPC-Guide 6 | Guide for Containing Debris Generated During Paint Removal Operations |
| SSPC-Guide 7 | Guide for the Disposal of Lead-Contaminated Surface Preparation Debris |
| SSPC-Guide 9 | Guide for Atmospheric Testing of Coatings in the Field |
| SSPC-Guide 10 | Guide to Specifying Coatings Conforming to Volatile Organic Compound (VOC) Content Requirements |
| SSPC-Guide 12 | Guide for Illumination of Industrial Painting Projects |
| SSPC-Guide 13 | Guide for the Identification and Use of Industrial Coating Materials in Computerized Product Databases |
| SSPC-Guide 14 | Guide for the Repair of Imperfections in Galvanized, Organic, or Inorganic Zinc-Coated Steel Using Organic Zinc-Rich Coatings |
| SSPC-Guide 15 | Field Methods for Retrieval and Analysis of Soluble Salts on Steel and Other Nonporous Substrates |
| SSPC-Guide 16 | Guide to Specifying and Selecting Dust Collectors |
| SSPC-Guide 17 | Guide to Developing a Corporate Safety Program for Industrial Painting and Coating Contractors |
| SSPC-TU 1 | Surface-Tolerant Coatings for Steel |
| SSPC-TU 2 | Design, Installation, and Maintenance of Coating Systems for Concrete Used in Secondary Containment (NACE 6G197) |
| SSPC-TU 3 | Overcoating |
| SSPC-TU 5 | Accelerated Testing of Industrial Protective Coatings |

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| SSPC-TU 6 | Chemical Stripping of Organic Coatings from Steel Structures |
| SSPC-TU 7 | Conducting Ambient Air, Soil, and Water Sampling During Surface Preparation and Paint Disturbance Activities |
| SSPC-TU 8 | The Use of Isocyanate-Containing Paints as Industrial Maintenance Coatings |
| SSPC-TU 9 | Estimating Costs for Protective Coatings Projects |
| SSPC-TU 10 | Procedures for Applying Thick Film Coatings and Surfacing Over Concrete Floors |
| SSPC-TU 11 | Inspection of Fluorescent Coating Systems |