Unified Master Reference List (UMRL)
UNIFIED MASTER REFERENCE LIST (UMRL)

This document lists publications referenced in the Unified Facilities Guide Specifications (UFGS) of the Corps of Engineers (USACE), the Naval Facilities Engineering Command (NAVFAC), the Air Force Civil Engineer Center (AFEC), and the guide specifications of the National Aeronautics and Space Administration (NASA). The listing is current to the date of this publication.

This version of the UMRL may contain more than one version of a single reference. This is part of the integration of NASA fully into the UFGS system. Future versions will contain only a single version of each reference.

The UMRL lists issuing organizations alphabetically by name and not by acronym. In some cases more than one organization may use the same acronym. If a listed reference does not have a designator assigned by the issuing organization, a designator for the document has been established for use within SpecsIntact.

Where a reference has a joint designation (example: ANSI/BHMA), the UMRL usually lists the reference under the proponent organization (example: The proponent of ANSI/BHMA A156.1 is BHMA; therefore the reference in the UMRL is under BHMA). This procedure simplifies referencing and ordering of joint documents, and specification sections should cite such reference publications using the same designations used in the UMRL. Acronyms of major proponent organizations listed in the UMRL which have joint publications with other standards organization are as follows:

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Guide Specification section UFGS-01 42 00 SOURCES FOR REFERENCE PUBLICATIONS includes all organizations listed in the UMRL. The section is automatically edited to fit the project when the project specifications are produced through SpecsIntact.

The UMRL is maintained up-to-date on a continuing basis and is published periodically in electronic format (PDF for use with free Adobe Reader software).
Reverberation Test Rooms


AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC. (AIA/NAS)

AIA/NAS NAS410 (2014; Rev 4) NAS Certification & Qualification of Nondestructive Test Personnel

AIR BARRIER ASSOCIATION OF AMERICA (ABAA)

ABAA Accreditation Accreditation
ABAA QAP Quality Assurance Program

AIR CONDITIONING CONTRACTORS OF AMERICA (ACCA)


AIR DUCT COUNCIL (ADC)


AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC. (AMCA)

AMCA 201 (2002; R 2011) Fans and Systems
AMCA 203 (1990; R 2011) Field Performance Measurements of Fan Systems
AMCA 204 (2005; R 2012) Balance Quality and Vibration Levels for Fans
AMCA 210 (2016) Laboratory Methods of Testing Fans for Aerodynamic Performance Rating
AMCA 220 (2005;R 2012) Test Methods for Air Curtain Units
AMCA 300 (2014) Reverberant Room Method for Sound Testing of Fans
AMCA 301 (2014) Methods for Calculating Fan Sound Ratings from Laboratory Test Data
AMCA 500-D (2018) Laboratory Methods of Testing Dampers for Rating

AMCA 500-L (2015) Laboratory Methods of Testing Louvers for Rating

AMCA 511 (2010; R 2016) Certified Ratings Program for Air Control Devices


AMCA CRP (Online) Directory of Products Licensed Under the AMCA International Certified Ratings Program

AIR-CONDITIONING, HEATING AND REFRIGERATION INSTITUTE (AHRI)


AHRI 365 (2009) Commercial and Industrial Unitary Air-Conditioning Condensing Units

AHRI 366 (2009) Commercial and Industrial Unitary Air-Conditioning Condensing Units


AHRI 410 (2001; Addendum 1 2002; Addendum 2 2005; Addendum 3 2011) Forced-Circulation Air-Cooling and Air-Heating Coils


AHRI 430 (2009) Central-Station Air-Handling Units

AHRI 430 I-P (2014) Performance Rating of Central Station Air-handling Unit Supply Fans

AHRI 431 SI (2014) Performance Rating of Central Station Air-handling Unit Supply Fans

AHRI 440 (2008) Performance Rating of Room Fan-Coils

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</table>
Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment

AHRI 1360 (2017) Performance Rating of Computer and Data Processing Room Air Conditioners

AHRI 1370 I-P (2017) Performance Rating of Electronic Expansion Valves

AHRI 1371 SI (2017) Performance Rating of Electronic Expansion Valves

AHRI DCAACP (Online) Directory of Certified Applied Air-Conditioning Products

AHRI Guideline D (1996) Application and Installation of Central Station Air-Handling Units


ANSI/AHRI 370 (2015; Addendum 1 2016) Sound Rating of Large Outdoor Refrigerating and Air-Conditioning Equipment


ANSI/AHRI 495 (2005) Performance Rating of Refrigerant Liquid Receivers


ANSI/AHRI 621 SI (2014) Performance Rating of Self-Contained Humidifiers for Residential Applications

ANSI/AHRI 640 (2005) Performance Rating of Commercial and
Industrial Humidifiers


ALLIANCE FOR TELECOMMUNICATIONS INDUSTRY SOLUTIONS (ATIS)


ALUMINUM ASSOCIATION (AA)


AA ANSI H35.2M (2017) Dimensional Tolerances for Aluminum Mill Products

AA ASD1 (2017; Errata 2017) Aluminum Standards and Data


AA DAF45 (2003; Reaffirmed 2009) Designation System for Aluminum Finishes


AA PK-1 (2015) Pink Sheets: Designations and Chemical Composition Limits for Aluminum Alloys in the Form of Castings & Ingots

AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)

AAMA 501 (2015) Methods of Test for Exterior Walls


AAMA 501.2 (2015) Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls and Sloped Glazing Systems

AAMA 501.4 (2018) Recommended Static Test Method for Evaluating Window Wall, Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drift

AAMA 501.6  (2018) Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from Window Wall, Curtain Wall and Storefront Systems

AAMA 501.7  (2017) Recommended Static Test Method for Evaluating Windows, Window Wall, Curtain Wall and Storefront Systems Subjected to Vertical Inter-Story Movements


AAMA 611  (2014) Voluntary Specification for Anodized Architectural Aluminum

AAMA 701/702  (2011) Voluntary Specification for Pile Weatherstripping and Replaceable Fenestration Weatherseals

AAMA 800  (2016) Voluntary Specifications and Test Methods for Sealants

AAMA 901  (2016) Voluntary Specification for Rotary & Linear Operators in Window Applications

AAMA 902  (2016) Voluntary Specification for Sash Balances


AAMA 1302.4  (1973) Specifications for Forced-Entry Resistant Aluminum Prime Windows


AAMA CW-10  (2015) Care and Handling of Architectural Aluminum
from Shop to Site


AAMA TIR A7 (2011) Sloped Glazing Guidelines


AMERICAN ASSOCIATION OF RADON SCIENTISTS AND TECHNOLOGISTS (AARST)


AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)


AASHTO LRFD (8th Edition; 2017) Bridge Design Specifications


AASHTO M 82 (2017) Standard Specification for Cutback Asphalt (Medium-Curing Type)

AASHTO M 118 (1979) Coal-Tar Bitumen Used in Roofing, Damp-Proofing, and Waterproofing


AASHTO M 167M/M 167 (2017; R 2021) Standard Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches


AASHTO M 182 (2005; R 2017) Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats


AASHTO M 249 (2012; R2016) Standard Specification for White and Yellow Reflective Thermoplastic Striping Material (Solid Form)

AASHTO M 251 (2006; R 2011) Standard Specification for Plain and Laminated Elastomeric Bridge Bearings

Corrugated Polyethylene Drainage Pipe


AASHTO M 294  (2021) Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500-mm (12- to 60-in.) Diameter


AASHTO R 80  (2017) Standard Practice for Determining the Reactivity of Concrete Aggregates and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction

AASHTO RSDG-4  (2011; Errata 1 2012; Errata 2 2015) Roadside Design Guide

AASHTO SDDP-1-OL  (2003) Shop Detail Drawing Presentation Guidelines


AASHTO T 88  (2013) Standard Method of Test for Particle Size Analysis of Soils

AASHTO T 102  (2009; R 2013) Standard Method of Test for Spot Test of Asphaltic Materials


AASHTO T 180  (2017) Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop

AASHTO T 224  (2010) Standard Method of Test for Correction for Coarse Particles in the Soil Compaction Test

AASHTO T 259  (2002; R 2017) Standard Method of Test for Resistance of Concrete to Chloride Ion Penetration

AASHTO T 260  (1997; R 2016) Standard Method of Test for Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials

AASHTO T 304  (2011; R 2015) Standard Method of Test for Uncompacted Void Content of Fine Aggregate

AASHTO T 326  (2005; R 2013) Standard Method of Test for Uncompacted Void Content of Coarse Aggregate (As Influenced by Particle Shape, Surface Texture, and Grading)


AASHTO T 358  (2017) Standard Method of Test for Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 16  (2004; E 2008; E 2010) Colorfastness to Light

AATCC 107  (2013) Colorfastness to Water

AATCC 134  (2016) Electrostatic Propensity of Carpets

AATCC 165  (2013) Colorfastness to Crocking: Textile Floor Coverings - Crockmeter Method
AATCC 174  (2016) Antimicrobial Activity Assessment of New Carpets

AMERICAN BEARING MANUFACTURERS ASSOCIATION (ABMA)

ABMA 7  (1995; Stabilized (S) 2013) Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plan

ABMA 9  (2015) Load Ratings and Fatigue Life for Ball Bearings

ABMA 11  (2014) Load Ratings and Fatigue Life for Roller Bearings

AMERICAN BOILER MANUFACTURERS ASSOCIATION (ABMA/BOIL)

ABMA Boiler 103  (2001) Selected Codes and Standards of the Boiler Industry


ABMA Boiler 402  (2012) Boiler Water Quality Requirements and Associated Steam Quality for Industrial/Commercial and Institutional Boilers

AMERICAN BUREAU OF SHIPPING (ABS)

ABS 2  (2019) Rules for Building and Classing Steel Vessels

AMERICAN COLLEGE OF RADIOLOGY (ACR)

ACR  MRI Accreditation Program Requirements, Latest Edition

AMERICAN COMPOSITES MANUFACTURER'S ASSOCIATION (ACMA)


AMERICAN CONCRETE INSTITUTE (ACI)

ACI 117  (2010; Errata 2011) Specifications for Tolerances for Concrete Construction and Materials and Commentary


ACI 201.2R  (2016) Guide to Durable Concrete
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<tr>
<td>ACI 211.2</td>
<td>(1998; R 2004) Standard Practice for Selecting Proportions for Structural Lightweight Concrete</td>
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<td>ACI 211.3R</td>
<td>(2016) Guide for Selecting Proportions for No-Slump Concrete</td>
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<td>ACI 211.5R</td>
<td>(2014) Guide for Submittal of Concrete Proportions</td>
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<td>ACI 212.3R</td>
<td>(2016) Chemical Admixtures for Concrete</td>
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<td>ACI 214R</td>
<td>(2011) Evaluation of Strength Test Results of Concrete</td>
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<td>ACI 301</td>
<td>(2016) Specifications for Structural Concrete</td>
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<td>ACI 301M</td>
<td>(2016) Metric Specifications for Structural Concrete</td>
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<td>ACI 302.1R</td>
<td>(2015) Guide for Concrete Floor and Slab Construction</td>
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<td>ACI 304.2R</td>
<td>(2017) Guide to Placing Concrete by Pumping Methods</td>
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<td>ACI 305.1</td>
<td>(2014) Specification for Hot Weather Concreting</td>
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<td>(2011) Specification for Curing Concrete</td>
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<td>ACI 308R</td>
<td>(2016) Guide to External Curing of Concrete</td>
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<td>ACI 311.4R</td>
<td>(2005) Guide for Concrete Inspection</td>
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ACI 503.7  (2007) Specification for Crack Repair by Epoxy Injection


ACI 522.1  (2013) Specification For Pervious Concrete Pavement


ACI 548.8  (2007) Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks

ACI 548.9  (2008) Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks

ACI 548.10  (2010) Specification for Type MMS (Methyl Methacrylate Slurry) Polymer Overlays for Bridge and Parking Garage Decks

ACI 548.12  (2012) Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive

ACI 551.1R  (2014) Tilt-up Concrete Construction Guide


ACI MCP SET  (2017) Manual of Concrete Practice


AMERICAN CONCRETE PIPE ASSOCIATION (ACPA)
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<td>AGMA 908</td>
<td>(1989B; R 1999) Information Sheet: Geometry Factors for Determining the Pitting Resistance and Bending Strength of Spur, Helical and Herringbone Gear Teeth</td>
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<td>AGMA 2011</td>
<td>(2014B) Cylindrical Wormgearing Tolerance and Inspection Methods</td>
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<td>AGMA 2015/915-1</td>
<td>(2002A) Accuracy Classification System - Tangential Measurement Tolerance Tables for Cylindrical Gears</td>
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<td>AGMA 6010</td>
<td>(1997F) Standard for Spur, Helical, Herringbone, and Bevel Enclosed Drives</td>
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<td>(2014J) Specifications for High Speed Helical Gear Units</td>
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<td>(2006A; R 2016) Standard for Industrial Enclosed Gear Drives</td>
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<td>AGMA 6123</td>
<td>(2016C) Design Manual for Enclosed Epicyclic Gear Drives</td>
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<td>AGMA 9002</td>
<td>(2014C) Bores and Keyways for Flexible Couplings (Inch Series)</td>
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<td>(2008) Bevel and Hypoid Gear Geometry</td>
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<td>ANSI/AGMA 2003</td>
<td>(2010D) Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, ZEROL Bevel, and Spiral Bevel Gear Teeth</td>
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<td>(2001B; R 2008) Bevel Gear Classification,</td>
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<td>ANSI/AGMA 6001</td>
<td>(2008B; R 2014) Design and Selection of Components for Enclosed Gear Drives</td>
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<td>ANSI/AGMA 6013</td>
<td>(2006A; R 2016) Standard for Industrial Enclosed Gear Drives</td>
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<td>ANSI/AGMA 6025</td>
<td>(1998D; R 2010) Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives</td>
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<td>ANSI/AGMA 6034</td>
<td>(1992B; R 2010) Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors</td>
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<td>ANSI/AGMA 9000</td>
<td>(2011D) Flexible Couplings – Potential Unbalance Classification</td>
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<td>ANSI/AGMA 9005</td>
<td>(2016) Industrial Gear Lubrication</td>
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**AMERICAN HARDBOARD ASSOCIATION (AHA)**

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**AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA)**

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<td>AIHA IMOM08-679</td>
<td>(2008) Recognition, Evaluation, and Control of Indoor Mold</td>
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<td>AIHA Z88.6</td>
<td>(2006) Respiratory Protection – Respirator Use-Physical Qualifications for Personnel</td>
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**AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)**

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<td>AISC 207</td>
<td>(2016; R 2017) Certification Standard for Steel Fabrication and Erection, and Manufacturing of Metal Components</td>
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<td>AISC 326</td>
<td>(2009) Detailing for Steel Construction</td>
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AISC 360 (2016) Specification for Structural Steel Buildings

AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC)

AITC 111 (2005) Recommended Practice for Protection of Structural Glued Laminated Timber During Transit, Storage and Erection


AMERICAN IRON AND STEEL INSTITUTE (AISI)

AISC/AISI 121 (2007) Standard Definitions for Use in the Design of Steel Structures
AISI D100 (2017) Cold-Formed Steel Design Manual
AISI E 1 (2011) Steel Plate Engineering Data Series - Design of Plate Structures, Volumes I & II
AISI S100 (2012) North American Specification for the Design of Cold-Formed Steel Structural Members
AISI S110 (2007; Suppl 1; Reaffirmed 2012) Standard for Seismic Design of Cold-Formed Steel Structural Systems - Special Bolted Moment Frames
AISI S200 (2007) North American Standard for Cold-Formed Steel Framing - General Provision
AISI S201 (2007) North American Standard for Cold-Formed Steel Framing - Product Data
AISI S202 (2011) Code of Standard Practice for Cold-formed Steel Structural Framing
AISI S211 (2007) North American Standard for Cold-Formed Steel Framing - Wall Stud Design
AISI S212 (2007) North American Standard for Cold-Formed Steel Framing – Header Design


AISI S214 (2012) North American Standard for Cold-Formed Steel Framing – Truss Design

AISI SG03-3 (2002; Suppl 2001-2004; R 2008) Cold-Formed Steel Design Manual Set

AMERICAN LADDER INSTITUTE (ALI)

ALI A14.3 (2008; R 2018) Ladders – Fixed – Safety Requirements

AMERICAN LUMBER STANDARDS COMMITTEE (ALSC)


AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI A108.11 (1992; Reaffirmed 2005) Specifications for Interior Installation of Cementitious Backer Units


ANSI C135.14 (1979) Staples with Rolled or Slash Points for Overhead Line Construction

ANSI INCITS 154 (1988; R 2004) Office Machines and Supplies – Alphanumeric Machines – Keyboard Arrangement


ANSI Z21.13/CSA 4.9 (2022) Gas-Fired Low Pressure Steam and Hot Water Boilers


ANSI Z21.18/CSA 6.3 (2007; R 2017) Gas Appliance Pressure Regulators


ANSI Z21.24/CSA 6.10 (2022) Connectors for Gas Appliances


ANSI Z21.45 (1995) Flexible Connectors of Other Than All-Metal Construction for Gas Appliances


ANSI 283.4/CSA 3.7 (2017; R 2022) Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application

ANSI 283.8/CSA 2.6 (2016; R 2021) Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters, and Gas-Fired Duct Furnaces

ANSI 283.19/CSA 2.35 (2017) Gas-Fired High-Intensity Infrared Heaters


AMERICAN PETROLEUM INSTITUTE (API)

API 570 (2016; Addendum 1 2017; Addendum 2 2018; ERTA 1 2018) Piping Inspection Code: In-Service Inspection, Rating, Repair, and Alteration of Piping Systems

API API-ASME CODE (1951) Unfired Pressure Vessels for Petroleum Liquids and Gases


API MPMS 2.2C (2002; R 2013) Manual of Petroleum Measurement Standards Chapter 2: Tank Calibration - Section 2C - Calibration of Upright Cylindrical Tanks Using the Optical-Triangulation Method

API MPMS 2.2D (2003; R 2014) Manual of Petroleum Measurement Standards Chapter 2: Tank Calibration - Section 2D Calibration of Upright Cylindrical Tanks Using the Internal Electro-Optical Distance-Ranging Method


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API RP 13B-1  (2009; R 2016) Recommended Practice for Field Testing Water-Based Drilling Fluids

API RP 500  (2012; Errata 2014) Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2

API RP 540  (1999; R 2004) Electrical Installations in Petroleum Processing Plants


API RP 574  (2016) Inspection Practices for Piping System Components

API RP 575  (2020) Inspection Practices for Atmospheric and Low-Pressure Storage Tanks

API RP 579-1  Fitness-For-Service

API RP 686  (2009) Recommended Practice for Machinery Installation and Installation Design


API RP 1110  (2013; R 2018) Recommended Practice for the Pressure Testing of Steel Pipelines for the Transportation of Gas, Petroleum Gas, Hazardous Liquids, Highly Volatile Liquids, or Carbon Dioxide

API RP 1130  (2007; R 2017) Computational Pipeline Monitoring for Liquids

API RP 1595  (2012; R 2019; 2nd Ed) Design, Construction, Operation, Maintenance, and Inspection of Aviation Pre-Airfield Storage Terminals


API RP 2003  (2015; 8th Ed) Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents


API RP 2027  (2002; R 2012; 3rd Ed)Ignition Hazards Involved in Abrasive Blasting of Atmospheric Storage Tanks in

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Hydrocarbon Service

API RP 2200 (1999; R 2004) Electrical Installations in Petroleum Processing Plants

API RP 2207 (2017; 7th Ed) Preparing Tank Bottoms for Hot Work


API RP 2219 (2016) Safe Operation of Vacuum Trucks Handling Flammable and Combustible Liquids in Petroleum Service

API STD 600 (2015) Steel Gate Valves—Flanged and Butt-welding Ends, Bolted Bonnets

API STD 608 (2012) Metal Ball Valves—Flanged, Threaded, And Welding End

API STD 610 (2010; Errata 2011) Centrifugal Pumps for Petroleum, Petrochemical, and Natural Gas Industries

API STD 682 (2014) Pumps Shaft Sealing Systems For Centrifugal and Rotary Pumps

API Spec 5CT (2018) Casing and Tubing

API Spec 5L (2018; 46th Ed; ERTA 2018) Line Pipe

API Spec 6D (June 2018, 4th Ed; Errata 1 July 2018; Errata 2 August 2018) Specification for Pipeline and Piping Valves

API Spec 6FA (1999; R 2006; Errata 2006; Errata 2008; R 2011) Specification for Fire Test for Valves


API Spec 15LR (2001; R 2018) Specification for Low Pressure Fiberglass Line Pipe


API Std 521 (2014; 6th Ed) Pressure-relieving and Depressuring Systems


API Std 598 (2009) Valve Inspecting and Testing

API Std 607 (2016) Fire Test for Quarter-turn Valves and Valves Equipped with Non-metallic Seats
API Std 609  (2016; ERTA 2017) Butterfly Valves: Double Flanged, Lug-and-Wafer Type

API Std 617  (2014; 8th Ed; ERTA 1 August 2016) Axial and Centrifugal Compressors and Expander-Compressors

API Std 618  (2007; R 2016) Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services

API Std 619  (2010) Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical, and Natural Gas Industries

API Std 650  (2013; Errata 1 2013; Addendum 1 2014; Errata 2 2014; Addendum 2 2016; Addendum 3 2018) Welded Tanks for Oil Storage

API Std 653  (2014; Addendum 1 2018) Tank Inspection, Repair, Alteration, and Reconstruction

API Std 672  (2004; Errata 2007; Errata 2010) Packaged, Integrally Geared Centrifugal Air Compressors for Petroleum, Chemical, and Gas Industry Services

API Std 1104  (2013; Errata 1-3 2014; Addendum 1 2014; Errata 4 2015; Addendum 2 2016) Welding of Pipeline and Related Facilities

API Std 2000  (2014) Venting Atmospheric and Low-Pressure Storage Tanks

API Std 2015  (2018) Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks

AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION (AREMA)


AREMA Track Plans  (2008) Portfolio of Trackwork Plans

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT)


ASNT SNT-TC-1A  (2020) Recommended Practice for Personnel Qualification and Certification in Nondestructive Testing

ASNT SNT-TC-1A Q&A Bk A  (2010) Supplement to Recommended Practice No. SNT-TC-1A (Q&A Book): Radiographic Testing Method

ASNT SNT-TC-1A Q&A Bk B  (2007) Supplement to Recommended Practice
34-Designation and Safety Classification of Refrigerants


ASHRAE 23 (2022) Methods for Performance Testing Positive Displacement Refrigerant Compressors and Compressor Units


ASHRAE 51 (2016) Laboratory Methods of Testing Fans for Aerodynamic Performance Rating


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ASSE 6000 SERIES  (2012) Professional Qualification Standard for Medical Gas Systems Installers, Inspectors and Verifiers


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AWWA D110 (2013) Wire- and Strand Wound, Circular, Prestressed Concrete Water Tanks

AWWA D120 (2019) Thermosetting Fiberglass-Reinforced Plastic Tanks

AWWA E102 (2017) Submersible Vertical Turbine Pumps

AWWA E103 (2021) Horizontal and Vertical Line-Shaft Pumps


AWWA M9 (2008; Errata 2013) Manual: Concrete Pressure Pipe


AWWA M41 (2009; 3rd Ed) Ductile-Iron Pipe and Fittings

AWWA M45 (2013; 3rd Ed) Fiberglass Pipe Design

AWWA M55 (2020; 2nd Ed) PE Pipe - Design and Installation

AMERICAN WELDING SOCIETY (AWS)


AWS A3.0M/A3.0 (2020) Standard Welding Terms and Definitions

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AWS C3.8M/C3.8 (2011) Specification for the Ultrasonic Pulse-Echo Examination of Brazed Joints

AWS C5.5/C5.5M (2003) Recommended Practices for Gas Tungsten Arc Welding

AWS D1.1/D1.1M (2020; Errata 1 2021) Structural Welding Code - Steel

AWS D1.2/D1.2M (2014; Errata 1 2014; Errata 2 2020) Structural Welding Code - Aluminum


AWS D1.4/D1.4M (2011) Structural Welding Code - Reinforcing Steel

AWS D1.5M/D1.5 (2020; Errata 1 2022) Bridge Welding Code

AWS D1.8/D1.8M (2016) Structural Welding Code-Seismic Supplement


AWS QC1 (2016) Specification for AWS Certification of Welding Inspectors

AWS QC7 (1993; Suppl G) Standard for AWS Certified Welders

AWPA M1 (2021) Standard for the Purchase of Treated Wood Products

AWPA M2 (2019) Standard for the Inspection of Preservative Treated Wood Products for Industrial Use

AWPA M3 (2016) Standard for the Quality Control of Preservative Treated Wood Products for Industrial Use

AWPA M4 (2021) Standard for the Care of Preservative-Treated Wood Products

AWPA M6 (2013) Brands Used on Preservative Treated Materials

AWPA P1/P13 (2019) Standard for Creosote Preservative


AWPA P3 (2019) Standard for Creosote - Petroleum Oil Solution


AWPA P8 (2014) Standard for Oil-Borne Preservatives

AWPA P18 (2014) Nonpressure Preservatives


AWPA T1 (2022) Use Category System: Processing and Treatment Standard

AWPA U1 (2022) Use Category System: User Specification for Treated Wood

AMERICANHORT (AH)


APA - THE ENGINEERED WOOD ASSOCIATION (APA)


APA EWS R540 (2013) Builder Tips: Proper Storage and Handling of Glulam Beams


APA EWS T300 (2007) Technical Note: Glulam Connection Details

APA F405 (19) Product Guide: Performance Rated Panels

APA L870 (2010) Voluntary Product Standard, PS 1-09, Structural Plywood

APA PS 1 (2009) Structural Plywood (with Typical APA Trademarks)

APA PS 2 (2010; R 2014) Performance Standard for Wood-Based Structural Use Panels

APA S350 (2014) PS 2-10, Performance Standard for Wood-Based Structural-Use Panels


ASM INTERNATIONAL (ASM)

ASM 06118G (1993) ASM Metals Reference Book (3rd Ed)

ASM STFA (2001; 6th Ed) The Surface Treatment and Finishing of Aluminum and Its Alloys (2 Vol.)

ASPHALT INSTITUTE (AI)

AI MS-2 (2015) Asphalt Mix Design Methods

ASPHALT RECYCLING AND RECLAIMING ASSOCIATION (ARRA)


ASPHALT ROOFING MANUFACTURER'S ASSOCIATION (ARMA)


ARMA PMBRG98 (1998) Quality Control Guideline for the Application of Polymer Modified Bitumen Roofing
ASSOCIATED AIR BALANCE COUNCIL (AABC)


AABC MN-4 (1996) Test and Balance Procedures

ACG Commissioning Guidel(2005) Commissioning Guideline

ASSOCIATION FOR IRON AND STEEL TECHNOLOGY (AIST)


ASSOCIATION FOR THE ADVANCEMENT OF MEDICAL INSTRUMENTATION (AAMI)


ASSOCIATION OF EDISON ILLUMINATING COMPANIES (AEIC)

AEIC CS1 (2012) Impregnated-Paper-Insulated, Metallic Sheathed Cable, Solid Type


ASSOCIATION OF HOME APPLIANCE MANUFACTURERS (AHAM)

AHAM RAC-1 (1982; R2008) Directory of Certified Room Air Conditioners

ASSOCIATION OF POOL & SPA PROFESSIONALS (APSP)


ASSOCIATION OF THE WALL AND CEILING INDUSTRY (AWCI)


ASTM INTERNATIONAL (ASTM)

ASTM 01.01 (2019) Steel - Piping, Tubing, Fittings


ASTM A194/A194M (2022) Standard Specification for Carbon Steel,
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**ASTM A211** (1975; R 1985) Specification for Spiral-Welded Steel or Iron Pipe


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Nickel-Base Alloy-Clad Steel Plate

ASTM A266/A266M (2021) Standard Specification for Carbon Steel Forgings for Pressure Vessel Components


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ASTM A320/A320M (2021a) Standard Specification for Alloy-Steel and Stainless Steel Bolting for Low-Temperature Service


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ASTM A484/A484M (2021) Standard Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings


ASTM A490M (2014a) Standard Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric)


ASTM A500/A500M (2021a) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes


ASTM A572/A572M  (2021; E 2021) Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel

ASTM A574  (2021) Standard Specification for Alloy Steel Socket-Head Cap Screws


Cold-Rolled, with Improved Atmospheric Corrosion Resistance


ASTM A615/A615M (2022) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement

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ASTM A653/A653M (2020) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

ASTM A659/A659M (2012; R 2017) Standard Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled

ASTM A666 (2015) Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar


ASTM A668/A668M (2022) Standard Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use


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ASTM A792/A792M  (2021a) Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process


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ASTM F1105  (2009; R 2014) Preparing Aircraft Cleaning Compounds, Liquid-Type, Temperature-Sensitive, or Solvent-Based, for Storage Stability Testing


ASTM F1139  (1988; R 2019) Steam Traps and Drains


ASTM F1182  (2007; R 2019) Anodes, Sacrificial Zinc Alloy


ASTM F1199  (2021) Standard Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150 degrees F Maximum)

ASTM F1200  (2021a) Standard Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150 degrees F (1Mpa and 65 degrees C))
ASTM F1216  (2022) Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube


ASTM F1344  (2021a) Standard Specification for Rubber Floor Tile


ASTM F1417  (2011a; E 2020) Standard Practice for Installation Acceptance of Plastic Non-pressure Sewer Lines Using Low-Pressure Air


ASTM F1482  (2021) Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring


ASTM F1606 (2019) Standard Practice for Rehabilitation of Existing Sewers and Conduits with Deformed Polyethylene (PE) Liner


ASTM F1664 (2008; R 2018) Standard Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence

ASTM F1665 (2008; R 2018) Standard Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used with Chain-Link Fence


ASTM F1743 (2016) Standard Practice for Rehabilitation of Existing Pipeline and Conduits by Pulled-In-Place
Installation of Cured-In-Place Thermosetting Resin Pipe (CIPP)


ASTM F1867 (2006; R 2012) Standard Practice for Installation of Folded/Formed Poly (Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer and Conduit Rehabilitation

ASTM F1869 (2022) Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

ASTM F1871 (2011) Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation


ASTM F1911 (2005; R 2019) Standard Practice for Installation of Barbed Tape

ASTM F1913 (2004; R 2014) Vinyl Sheet Floor Covering Without Backing


ASTM F2034 (2008; R 2013) Sheet Linoleum Floor Covering


ASTM F2145 (2013; R 2018) Standard Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA 12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing


ASTM F2160 (2022) Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD)

ASTM F2164 (2018) Standard Practice for Field Leak Testing of Polyethylene (PE) and Crosslinked Polyethylene (PEX) Pressure Piping Systems Using Hydrostatic Pressure


ASTM F2195 (2013) Linoleum Floor Tile


ASTM F2599 (2020) Standard Practice for Sectional Repair of Damaged Pipe By Means of an Inverted Cured-In-Place Liner


ASTM F2620 (2020a; E 2021) Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings


ASTM F2881/F2881M  (2021; E 2021) Standard Specification for 12 to 60 in. (300 to 1500 mm) Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications


Dimensions 830 MPa and 1040 MPa Minimum Tensile Strength

ASTM F3190  (2021) Standard Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polymide (PA) Pipe and Fittings


ASTM G60  (2001; R 2018) Standard Practice for Conducting Cyclic Humidity Exposures


Spectral Irradiances: Direct Normal and Hemispherical on 37 Degree Tilted Surface


ASTM STP 399 (1966) Vane Shear and Cone Penetration Resistance Testing of In-Situ Soils

AUDIOVISUAL AND INTEGRATED EXPERIENCE ASSOCIATION (AVIXA)


ANSI/INFOCOMM 10 (2013) Audiovisual Systems Performance Verification

ANSI/INFOCOMM A102.01 (2017) Audio Coverage Uniformity in Listener Areas

AVIXA F502.01 (2018) Rack Building for Audiovisual Systems

AVIXA F502.02 (2020) Rack Design for Audiovisual Systems

INFOCOMM F501.01 (2015) Cable Labeling for Audiovisual Systems

BACNET INTERNATIONAL (BTL)

BTL Guide (v.49; 2017) BACnet Testing Laboratory Implementation Guidelines

BICSI International Standards Program (BICSI)


ANSI/BICSI N3 (2020) Planning and Installation Methods for the Bonding and Grounding of Telecommunication and ICT Systems and Infrastructure

BIFMA INTERNATIONAL (BIFMA)


ANSI/BIFMA X5.1 (2017) American National Standards For Office Furnishings - General Purpose Office Chairs

ANSI/BIFMA X5.3 (2007; R2012) American National Standards For
Office Furnishings - Vertical Files


ANSI/BIFMA X5.5 (2014) American National Standards For Office Furnishings - Desk Products

ANSI/BIFMA X5.6 (2016) American National Standards For Office Furnishings - Panel Systems

ANSI/BIFMA X5.9 (2012) American National Standards For Office Furnishings - Storage Units

BIOCYCLE, JOURNAL OF COMPOSTING AND RECYCLING (BIOCYCLE)


BRITISH STANDARDS INSTITUTE (BSI)

BS EN 13121-3 (2016) GRP Tanks and Vessels for Use Above Ground – Part 3: Design and Workmanship

BS EN ISO 10497 (2010) Testing of Valves Fire Type-Testing Requirements

BS ISO 4309 (2017) Cranes – Wire Ropes – Care and Maintenance, Inspection and Discard

BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA)

ANSI/BHMA A156.1 (2021) Butts and Hinges

ANSI/BHMA A156.2 (2017) Bored and Preassembled Locks and Latches

ANSI/BHMA A156.3 (2020) Exit Devices

ANSI/BHMA A156.4 (2013) Door Controls – Closers

ANSI/BHMA A156.5 (2020) Cylinder and Input Devices for Locks

ANSI/BHMA A156.6 (2021) Architectural Door Trim

ANSI/BHMA A156.7 (2016) Template Hinge Dimensions

ANSI/BHMA A156.8 (2021) Door Controls – Overhead Stops and Holders

ANSI/BHMA A156.9 (2020) Cabinet Hardware

ANSI/BHMA A156.10 (2017) Power Operated Pedestrian Doors

ANSI/BHMA A156.12 (2013) Interconnected Locks & Latches

ANSI/BHMA A156.13 (2017) Mortise Locks & Latches Series 1000
<table>
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<td>(2021) Release Devices Closer Holder, Electromagnetic and Electromechanical</td>
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<td>ANSI/BHMA A156.17</td>
<td>(2019) Self Closing Hinges &amp; Pivots</td>
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<td>ANSI/BHMA A156.18</td>
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<td>ANSI/BHMA A156.21</td>
<td>(2019) Thresholds</td>
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<td>ANSI/BHMA A156.22</td>
<td>(2021) Gasketing</td>
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<tr>
<td>ANSI/BHMA A156.23</td>
<td>(2010) Electromagnetic Locks</td>
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<tr>
<td>ANSI/BHMA A156.25</td>
<td>(2013) Electrified Locking Devices</td>
</tr>
<tr>
<td>ANSI/BHMA A156.26</td>
<td>(2012) Continuous Hinges</td>
</tr>
<tr>
<td>ANSI/BHMA A156.30</td>
<td>(2014) High Security Cylinders</td>
</tr>
<tr>
<td>ANSI/BHMA A156.31</td>
<td>(2013) Electric Strikes and Frame Mounted Actuators</td>
</tr>
<tr>
<td>ANSI/BHMA A156.36</td>
<td>(2010) Auxiliary Locks</td>
</tr>
<tr>
<td>ANSI/BHMA A156.115</td>
<td>(2016) Hardware Preparation in Steel Doors and Steel Frames</td>
</tr>
</tbody>
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**CALIFORNIA AIR RESOURCES BOARD (CARB)**

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<th>Description</th>
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<tr>
<td>CARB 93120</td>
<td>(2007) Airborne Toxic Control Measure (ATCM) to Reduce Formaldehyde Emissions from Composite Wood Products</td>
</tr>
<tr>
<td>CARB Regulation</td>
<td>Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products</td>
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**CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH)**

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<tr>
<th>Regulation Number</th>
<th>Description</th>
</tr>
</thead>
</table>
Emissions from Indoor Sources using Environmental Chambers

CALIFORNIA ENERGY COMMISSION (CEC)


CEC Title 24 (2016) Building Energy Efficiency Standards For Residential and Nonresidential Buildings

CARPET AND RUG INSTITUTE (CRI)


CRI GL CUSHION Green Label Cushion Program


CAST IRON SOIL PIPE INSTITUTE (CISPI)


CEILINGS AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION (CISCA)


CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

CDC 21-1112 (2009) Biosafety in Microbiological and Biomedical Laboratories, 5th Edition

Intelligence Bulletin 65 (2013) Occupational Exposure to Carbon Nanotubes and Nanofibers

CHEMICAL FABRICS AND FILM ASSOCIATION (CFFA)

CHLORINE INSTITUTE (CI)


COMPOSITE PANEL ASSOCIATION (CPA)

CPA A208.1  (2016) Particleboard
CPA A208.2  (2016) Medium Density Fiberboard (MDF) for Interior Applications

COMPRESSED AIR AND GAS INSTITUTE (CAGI)


COMPRESSED GAS ASSOCIATION (CGA)

CGA V-5  (2019) Diameter-Index Safety System (Non-Interchangeable Low Pressure Connections for Medical Gas Applications); 6th Edition

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

CRSI RB4.1  (2016) Supports for Reinforcement Used in Concrete

CONSUMER ELECTRONICS ASSOCIATION (CEA)

<table>
<thead>
<tr>
<th>Reference Code</th>
<th>Description</th>
</tr>
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<td>CEA-709.3</td>
<td>(1999; R 2015) Free-Topology Twisted-Pair Channel Specification</td>
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<td>CMAA 70</td>
<td>(2020) Specification for Top Running Bridge and Gantry Type Multiple Girder Electric Overhead</td>
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**CONSUMER PRODUCT SAFETY COMMISSION (CPSC)**

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**CONVEYOR EQUIPMENT MANUFACTURERS ASSOCIATION (CEMA)**

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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMA Belt Book</td>
<td>(2014; Errata 2016; Tech Statement 1 2016) Belt Conveyors for Bulk Materials</td>
</tr>
</tbody>
</table>

**COOLING TECHNOLOGY INSTITUTE (CTI)**

<table>
<thead>
<tr>
<th>Reference Code</th>
<th>Description</th>
</tr>
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<tr>
<td>CTI STD-111</td>
<td>(2018) Gear Speed Reducers for Application on Industrial Water Cooling Towers</td>
</tr>
<tr>
<td>CTI Std-103</td>
<td>(2007) Redwood Lumber Specifications</td>
</tr>
<tr>
<td>CTI Std-112</td>
<td>(2019) Pressure Preservative Treatment of Dimensional Lumber</td>
</tr>
<tr>
<td>CTI Std-137</td>
<td>(2017) Fiberglass Pultruded Structural Products for Use in Cooling Towers</td>
</tr>
<tr>
<td>CTI Std-201</td>
<td>(2011) Standard for the Certification of Water Cooling Tower Thermal Performance</td>
</tr>
</tbody>
</table>

**COPPER DEVELOPMENT ASSOCIATION (CDA)**

<table>
<thead>
<tr>
<th>Reference Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CDA A4015</td>
<td>(2016; 14/17) Copper Tube Handbook</td>
</tr>
</tbody>
</table>

**COUNCIL ON ENVIRONMENTAL QUALITY (CEQ) (WHITE HOUSE)**

<table>
<thead>
<tr>
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**CRANE MANUFACTURERS ASSOCIATION OF AMERICA (CMAA)**

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<tr>
<td>CMAA 70</td>
<td>(2020) Specification for Top Running Bridge and Gantry Type Multiple Girder Electric Overhead</td>
</tr>
</tbody>
</table>
Traveling Cranes

CMAA 74 (2020) Specifications for Single Girder Cranes

CSA GROUP (CSA)


CSA A23.4 (2016; R 2021) Precast Concrete - Materials and Construction

CSA B45.5-17/IAPMO Z124 (2017; Errata 2017; Errata 2018) Plastic Plumbing Fixtures

CSA C22.2 No. 109 (2017; R 2022) Commercial Cooking Appliances

CSA Directory (updated continuously online) Product Index

CSA Z809-08 (R2013) Sustainable Forest Management

DEPARTMENT OF DEFENSE EXPLOSIVES SAFETY BOARD (DDES B)


DOOR AND ACCESS SYSTEM MANUFACTURERS ASSOCIATION (DASMA)

ANSI/DASMA 102 (2011) Specifications for Sectional Overhead-Type Doors


DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA)

DIPRA TRD (2016) Thrust Restraint Design for Ductile Iron Pipe

ELECTRICAL GENERATING SYSTEMS ASSOCIATION (EGSA)


ELECTRIFICATION AND CONTROLS MANUFACTURERS ASSOCIATION (ECMA)

ECMA 15 (2018) Cable-less Controls for Electric Overhead
Traveling Cranes

ELECTRONIC COMPONENTS INDUSTRY ASSOCIATION (ECIA)


ECIA RS-416 (1974; R 1981) Filters for Radio Interference

ECIA/IS 46 (1987) Test Procedure for Resistance to Soldering (Vapor Phase Technique) for Surface Mount Devices

ELECTRONIC INDUSTRIES ALLIANCE (EIA)


EIA 443 (1979) NARM Standard for Solid State Relays Service

EIA 480 (1981) Toggle Switches

TIA/EIA 455-41-A (1993a; R 2001) FOTP-41 – Compressive Loading Resistance of Fiber Optic Cables

ELECTROSTATIC DISCHARGE ASSOCIATION (ESD)


ENERGY INSTITUTE (EI)

EI 1529 (2014; 7th Ed) Aviation Fueling Hose and Hose Assemblies

EI 1541 (2016) Requirements for Internal Protective Coating Systems Used in Aviation Fuel Handling Systems

EI 1570 (2012) Handbook on Electronic Sensors for the Detection of Particulate Matter and/or Free Water During Aircraft Refueling


EI 1584 (2017; 4th Ed) Four-Inch Hydrant System Components and Arrangements

EI 1590 (2014) Specifications And Qualification Procedures For Aviation Fuel Microfilters


ETL TESTING LABORATORIES (ETL)
ETL DLP (updated continuously) ETL Listed Mark Directory

EUROPEAN COMMITTEE FOR STANDARDIZATION (CEN/CENELEC)


EN 61800-3 (2017) Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment

EUROPEAN UNION (EU)


EXPANSION JOINT MANUFACTURERS ASSOCIATION (EJMA)

EJMA Stds (2015) (10th Ed) EJMA Standards

EXTRON ELECTRONICS (EE)


FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

FEMA P-414 (January 2004) Installing Seismic Restraints for Duct and Pipe

FEDERAL REMEDIATION TECHNOLOGIES ROUNDTABLE (FRTR)


FLORIDA ADMINISTRATIVE CODE (FAC)

FAC Chapter 15C-1 Department of Highway Safety and Motor Vehicles

FLUID CONTROLS INSTITUTE (FCI)

FCI 70-2 (2021) Control Valve Seat Leakage

FLUID SEALING ASSOCIATION (FSA)


Page 166
FM 1637 (2010) Flexible Sprinkler Hose with Threaded End Fittings

FM 4435 (2013) Roof Perimeter Flashing

FM 4450 (1989) Approval Standard for Class 1 Insulated Steel Deck Roofs

FM 4470 (2016) Single-Ply, Polymer-Modified Bitumen Sheet, Built-up Roof (BUR), and Liquid Applied Roof Assemblies for Use in Class 1 and Noncombustible Roof Deck Construction

FM 4471 (2010) Class I Panel Roofs

FM 4474 (2014) Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures

FM 4991 (2013) Approval of Firestop Contractors


FM DS 12-17 (2001) Watertube Boilers


FOREST STEWARDSHIP COUNCIL (FSC)

FSC STD 01 001 (2015) Principles and Criteria for Forest Stewardship

FORESTRY SUPPLIERS INC. (FSUP)

FSUP 77341 (2009) Munsell (R) Soil Color Book

FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH (FCCCHR)

FCCCHR List (continuously updated) List of Approved Backflow Prevention Assemblies


FPInnovations (FPI)

GEOLOGICAL SOCIETY OF AMERICA (GeoSA)

GSA RCC00100R (2009) Geological Rock Color Chart (Munsell)

GEOSYNTHETIC INSTITUTE (GSI)

GSI GRI GG4a (2012) Determination of the Long-Term Design Strength of Stiff Geogrids

GSI GRI GG4b (2012) Determination of the Long-Term Design Strength of Flexible Geogrids

GSI GRI GG6 (1996) Grip Types for Use in Wide Width Testing of Geotextiles and Geogrids

GSI GRI GM7 (1995) Accelerated Curing of Geomembrane Test Strip Seams Made by Chemical Fusion Methods

GSI GRI GM9 (1995; R 2013) Cold Weather Seaming of Geomembranes

GSI GRI GM13 (2016) Test Methods, Test Properties and Testing Frequency for High Density Polyethylene (HDPE) Smooth and Textured Geomembranes

GSI GRI GM17 (2015) Test Methods, Test Properties and Testing Frequency for Linear Low Density Polyethylene (LLDPE) Smooth and Textured Geomembranes


GSI GRI GM19 (2002; R 2013) Seam Strength and Related Properties of Thermally Bonded Polyolefin Geomembranes

GSI GRI GM21 (2016) Test Methods, Properties and Frequencies for Ethylene Propylene Diene Terpolymer (EPDM) Nonreinforced and Scrim Reinforced Geomembranes


GERMAN INSTITUTE FOR STANDARDIZATION (DIN)

DIN 22252 (2012) Round Steel Link Chains for Use in Continuous Conveyors and Winning Equipment in Mining


DIN 53504 (2017) Testing of Rubber – Determination of Tensile Strength at break, Tensile Strength at Yield, Elongation at Break and Stress values in a Tensile Test

DIN EN 14037 (2016) Free Hanging Heating and Cooling Surfaces
for Water with a Temperature Below 120 Degrees C -
Part 1: Pre-Fabricated Ceiling Mounted Radiant
Panels for Space Heating


GLASS ASSOCIATION OF NORTH AMERICA (GANA)


GREEN BUILDING INITIATIVE (GBI)

GBI DOD GP Compliance (2017) GBI Department of Defense Guiding Principles
Compliance Program for New Construction
GBI Green Globes for NC (2017) Green Globes(tm) for New Construction

GREEN BUSINESS CERTIFICATION INC. (GBCI)

GP Assessment (DOD) Guiding Principles Assessment for Department of
Defense

GREEN SEAL (GS)

GS-36 (2013) Adhesives for Commercial Use
GS-37 (2017) Cleaning Products for Industrial and
Institutional Use

GYPSUM ASSOCIATION (GA)

GA 214 (2010) Recommended Levels of Gypsum Board Finish
GA 216 (2016) Application and Finishing of Gypsum Panel
Products
GA 224 (2008) Installation of Predecorated Gypsum Board

H.P. WHITE LABORATORY (HPW)

HPW TP-0500.03 (2003) Transparent Materials for use in Forced
Entry or Containment Barriers

HARDWOOD PLYWOOD AND VENEER ASSOCIATION (HPVA)


HEAT EXCHANGE INSTITUTE (HEI)


HYDRAULIC INSTITUTE (HI)

HI 1.1-1.2 (2014) Rotodynamic (Centrifugal) Pump for Nomenclature and Definitions

HI 1.3 (2013) Rotodynamic (Centrifugal) Pump Applications


HI ANSI/HI 3.1-3.5 (2021) Rotary Pumps


HI ANSI/HI 9.6.3 (2017) Rotodynamic Pumps – Guideline for Operating Regions – B120


HI ANSI/HI 9.8 (2014) Rotodynamic Pumps for Pump Intake Design – A123

HI ANSI/HI 11.6 (2016) Rotodynamic Submersible Pumps for Hydraulic Performance, Hydrostatic Pressure, Mechanical, and Electrical Acceptance Tests


HI ANSI/HI 14.3 (2019) Rotodynamic Pumps for Design and Application
HI ANSI/HI 14.6  

HI M100  
(2009) HI Pump Standards Set

HYDRONICS INSTITUTE DIVISION OF AHRI (HYI)

HI-004  
(1995) Radiant Floor Heating

HYI-005  
(2008) I=B=R Ratings for Boilers, Baseboard Radiation and Finned Tube (Commercial)

ICC EVALUATION SERVICE, INC. (ICC-ES)

ICC ES AC125  

ICC ES AC156  
(2012) Acceptable Criteria for Seismic Certification by Shake-Table Testing of Nonstructural Components

ICC ES AC178  

ICC ES AC193  
(2012) Acceptance Criteria for Mechanical Anchors in Concrete Elements

ICC-ES AC04  
(2012; R 2015) Acceptance Criteria for Sandwich Panels

ICC-ES AC23  
(2012; R 2016) Acceptance Criteria for Sprayed Fire-resistant Materials (SFRMs), Intumescent Fire-resistant Coatings and Mastic Fire-resistant Coatings Used to Protect Structural Steel Members

ICC-ES AC48  
(2012; R 2015) Acceptance Criteria for Self-adhered Roof Underlayment for Use as Ice Barriers

ICC-ES AC300  
(2014) Acceptance Criteria for Access Floors

ICC-ES AC377  

ILLUMINATING ENGINEERING SOCIETY (IES)

ANSI/IES LM-79  

ANSI/IES LM-80  
(2020) Approved Method: Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules

ANSI/IES LP-11  
(2020) Lighting Practice: Environmental
Considerations for Outdoor Lighting

ANSI/IES LS-1 (2020) Lighting Science: Nomenclature and Definitions for Illuminating Engineering

ANSI/IES RP-8 (2018; Addenda 1 2020; Errata 1-2 2021) Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting


IES HB-10 (2011; Errata 2015) IES Lighting Handbook

IES Lighting Library

INDUSTRIAL FASTENERS INSTITUTE (IFI)

IFI 100/107 (2002) Prevailing Torque-Type Steel Hex and Hex Flange Nuts Regular and Light Hex Series

INSTITUTE OF CLEAN AIR COMPANIES (ICAC)


ICAC EP-6 (1968) Pilot Electrostatic Precipitators


ICAC F-2 (1972) Fundamentals of Fabric Collectors and Glossary of Terms

ICAC F-3 (2002) Operation and Maintenance of Fabric Filters

ICAC F-5 (1991) Types of Fabric Filters

ICAC G-1 (1968; R 1972) Gaseous Emissions Equipment: Product Definitions and Illustrations

ICAC M-2 (1969) Cyclonic Mechanical Dust Collector Criteria

ICAC M-4 (1973) Information Required for the Preparation of
Bidding Specifications for Large Diameter Cyclones and Tubular Centrifugal Collectors

ICAC M-5  
(1975) Standardized Method of Particle Size Determination and Collection Efficiency

ICAC M-6  
(1981) Simplified Method of Efficiency Calculations from Fractional Efficiency Curves

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

IEEE 1  
(2000; R 2011) General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation

IEEE 4  

IEEE 18  

IEEE 32  
(1972; R 1997) Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

IEEE 43  
(2013) Recommended Practice for Testing Insulation Resistance of Rotating Machinery

IEEE 48  
(2020) Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV

IEEE 62  

IEEE 80  

IEEE 81  

IEEE 85  
(1973; R 1986) Test Procedure for Airborne Sound Measurements on Rotating Electric Machinery

IEEE 100  

IEEE 112  
(2017) Standard Test Procedure for Polyphase Induction Motors and Generators

IEEE 114  

IEEE 115  


IEEE 242 (2001; Errata 2003) Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems - Buff Book


IEEE 386 (2016) Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV


IEEE 404 (2012) Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2500 V to 500,000 V

IEEE 450 (2020) Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications

IEEE 484 (2019) Recommended Practice for Installation Design and Implementation of Vented Lead-Acid Batteries for Stationary Applications

IEEE 485 (2020) Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications


IEEE 519 (2022) Standard for Harmonic Control in Electrical Power Systems


IEEE 592 (2018) Standard for Insulation Shields on
<table>
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<tr>
<th>IEEE Standard</th>
<th>Description</th>
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<tr>
<td>IEEE 802.1x</td>
<td>(2010) Local and Metropolitan Area Networks - Port Based Network Access Control</td>
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<td>(2022) Ethernet</td>
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<td>IEEE 1159</td>
<td>(2019) Recommended Practice on Monitoring Electric Power Quality</td>
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<td>IEEE 1202</td>
<td>(2006; R 2012; CORR 1 2012) Flame-Propagation Testing of Wire and Cable</td>
</tr>
<tr>
<td>IEEE 1547</td>
<td>(2018) Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces</td>
</tr>
<tr>
<td>IEEE 1547A</td>
<td>(2020) Standard for Interconnecting Distributed Resources with Electric Power Systems - Amendment 1</td>
</tr>
<tr>
<td>IEEE 1815</td>
<td>(2015; CORR 2016) Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 [Distributed Network Protocol (DNP3)]</td>
</tr>
<tr>
<td>IEEE C37.04</td>
<td>(2018; Erta 2019; Corr 2021) Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V Corrigendum 1</td>
</tr>
<tr>
<td>IEEE C37.06</td>
<td>(2009) Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities</td>
</tr>
</tbody>
</table>
for Voltage Above 1000 V


IEEE C37.1 (2007) Standard for Supervisory Control, Data Acquisition (SCADA) and Automatic Systems


IEEE C37.16 (2009) Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635 V and below) and DC 3200 V and below) Power Circuit Breakers


IEEE C37.20.1A (2020) Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit-Breaker Switchgear Amendment 1: Control and Secondary Circuits and Devices, and All Wiring

IEEE C37.20.2 (2015) Metal-Clad Switchgear

IEEE C37.20.2A (2020) Metal-Clad Switchgear Amendment 1: Control and Secondary Circuits and Devices, and All Wiring

IEEE C37.20.3 (2013) Standard for Metal-Enclosed Interrupter Switchgear

IEEE C37.20.7 (2017; Corr 2021) Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults

IEEE C37.23 (2015) Metal-Enclosed Bus

IEEE C37.30 (1997; INT 1 2011) Standard Requirements for High-Voltage Switches

IEEE C37.30.1 (2011) Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V


IEEE C37.42  (2016) Specifications for High-Voltage (> 1000 V) Fuses and Accessories


IEEE C37.47  (2011) Standard for High Voltage Distribution Class Current-Limiting Type Fuses and Fuse Disconnecting Switches

IEEE C37.60  (2019) High-Voltage Switchgear and Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems Up to 38 kV


IEEE C37.94  (2021) IEEE Standard for N times 64 kbps Optical Fiber interfaces between Teleprotection and Multiplexer Equipment


IEEE C50.12  (2005; R 2010) Standard for Salient Pole 50 Hz and 60 Hz Synchronous Generators and Generation/Motors for Hydraulic Turbine Applications Rated 5 MVA and above
IEEE C57.12.00  (2021) General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

IEEE C57.12.01  (2020) General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid-Cast and/or Resin-Encapsulated Windings

IEEE C57.12.10  (2017) Requirements for Liquid-Immersed Power Transformers

IEEE C57.12.20  (2017) Overhead-Type Distribution Transformers, 500 KVA and Smaller: High Voltage, 34,500 Volts and Below; Low Voltage, 7970/13,800 Y V and Below

IEEE C57.12.25  (1990) Standard for Transformers - Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers With Separable Insulated High-Voltage Connectors; High Voltage, 34,500 Grdy/19,920 Volts and Below; Low Voltage, 240/120 Volts; 167 kVA and Smaller Requirements


IEEE C57.12.34  (2015) Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High Voltage, 34.5 kV Nominal System Voltage and Below; Low Voltage, 15 kV Nominal System Voltage and Below

IEEE C57.12.50  (1981; R 1998) Ventilated Dry-Type Distribution Transformers, 1 to 500 kVA, Single-Phase, and 15 to 500 kVA, Three-Phase, with High-Volt 601 to 34,500 Volts

IEEE C57.12.51  (2019) IEEE Guide for Mechanical Interchangeability of Ventilated Dry-Type Transformers


IEEE C57.12.91  (2011) Standard Test Code for Dry-Type Distribution and Power Transformers

IEEE C57.13  (2016) Standard Requirements for Instrument
<table>
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<td>IEEE C57.96</td>
<td>Guide for Loading Dry-Type Distribution and Power Transformers</td>
<td>(2013)</td>
</tr>
<tr>
<td>IEEE C57.110</td>
<td>Recommended Practice for Establishing Liquid-Filled and Dry-Type Power and Distribution Transformer Capability When Supplying Nonsinusoidal Load Currents</td>
<td>(2008)</td>
</tr>
<tr>
<td>IEEE C57.124</td>
<td>Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers</td>
<td>(1991; R 2002)</td>
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<tr>
<td>IEEE C62.33</td>
<td>Test Methods and Performance Values for Metal-Oxide Varistor Surge Protective Components</td>
<td>(2016)</td>
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<tr>
<td>IEEE C62.41</td>
<td>Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits</td>
<td>(1991; R 1995)</td>
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<tr>
<td>IEEE C63.2</td>
<td>Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz - Specifications</td>
<td>(2009)</td>
</tr>
</tbody>
</table>


INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY (IEST)

IEST RP-CC-001 (2016; Rev 6) HEPA and ULPA Filters

IEST RP-CC-008 (2007; Rev 2) Gas-Phase Adsorber Cells

IEST-STD-CC1246 (2013; Rev E) Product Cleanliness Levels and Contamination Control Program

INSTITUTE OF INSPECTION, CLEANING, AND RESTORATION CERTIFICATION (IICRC)


IICRC S100 (2015) S100 Standard and R100 Reference Guide for Professional Cleaning of Textile Floor Covering


INSTRUCTIONS AND STANDARDS FOR NAVBASE GUANTANAMO BAY CUBA (COMNAVBASEGTMOINST)

11300.3 Base Energy Conservation Regulations

INSULATED CABLE ENGINEERS ASSOCIATION (ICEA)


ICEA S-83-596 (2021) Indoor Optical Cable


ICEA S-90-661 (2021) Category 3 and 5E Individually Unshielded Twisted Pairs, Indoor Cables (With or Without an Overall Shield) for Use in General Purpose and LAN Communications Wiring Systems
ICEA S-94-649 (2021) Concentric Neutral Cables Rated 5 Through 46 KV

ICEA S-98-688 (2012) Broadband Twisted Pair Telecommunication Cable, Aircore, Polyolefin Insulated, Copper Conductors Technical Requirements

ICEA S-99-689 (2012) Broadband Twisted Pair Telecommunication Cable Filled, Polyolefin Insulated, Copper Conductors Technical Requirements

ICEA T-30-520 (1986) Conducting Vertical Cable Tray Flame Tests with Theoretical Heat Input Rate of 70,000 B.T.U./Hour

INSULATING GLASS MANUFACTURERS ALLIANCE (IGMA)

IGMA TB-1200 (1983; R 2016) Guidelines for Insulating Glass Dimensional Tolerances


INTELLIGENCE COMMUNITY STANDARD (ICS)


INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

IATA DGR (2018) Dangerous Goods Regulations

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)

IAPMO PS 117 (2005b) Press Type Or Plain End Rub Gasketed W/ Nail CU & CU Alloy Fittings 4 Install On CU Tubing


IAPMO Z124.5 (2013; E 2013; R 2018) Plastic Toilet Seats

IAPMO Z124.8 (1990) Plastic Bathtub Liners

IAPMO Z1000 (2013) Prefabricated Septic Tanks

INTERNATIONAL CAST POLYMER ASSOCIATION (ICPA)


INTERNATIONAL CODE COUNCIL (ICC)

ICC A117.1 (2017) Standard And Commentary Accessible and
Usable Buildings and Facilities


ICC IMC (2021) International Mechanical Code


ICC UBC (1997; Erratas Vol 1, 2 & 3 01/2001; Vol 1 & 2 03/2001; Vol 2 10/2001) Uniform Building Code


International Concrete Repair Institute (ICRI)

ICRI 03732 (1997) Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays

ICRI 310.2R (2013) Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair

International Electrical Testing Association (NETA)


International Electrotechnical Commission (IEC)

ANSI IEC 60529 (2020) Degrees of Protection Provided by Enclosures

IEC 60034-1 (2022) Rotating Electrical Machines - Part 1: Rating and Performance

IEC 60034-2A (1974; ED 1.0) Rotating Electrical Machines Part 2: Methods for Determining Losses and Efficiency of Rotating Electrical Machinery from Tests (Excluding Machines for Traction Vehicles) Measurement of Losses by the Calorimetric Method

IEC 60034-5 (2020) Rotating Electrical Machines - Part 5: Degrees of Protection Provided by the Integral Design of Rotating Electrical Machines (IP Code) - Classification
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<td>IEC 60255-149</td>
<td>(2013) Measuring Relays and Protection Equipment</td>
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<td>IEC 60269-2</td>
<td>(2016) Low-Voltage Fuses – Part 2: Supplementary Requirements for Fuses for Use by Authorized Persons (Fuses Mainly for Industrial Application) – Examples of Standardized Systems of Fuses A to K</td>
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<td>IEC 60309-3</td>
<td>Pin and Sleeve Devices</td>
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<tr>
<td>IEC 60601-1</td>
<td>(2012) Medical Electrical Equipment</td>
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<td>IEC 60947-2</td>
<td>(2016) Low-Voltage Switchgear and Controlgear –</td>
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Part 2: Circuit-Breakers

IEC 60947-3 (2020; Corr 1 2021) Low-Voltage Switchgear and Controlgear - Part 3: Switches, Disconnectors, Switch-Disconnectors and Fuse-Combination Units

IEC 60947-4-1 (2018; INT 1 2020; Corr 2 2021) Low-voltage Switchgear and Controlgear, Part 4-1: Contactors and Motor Starters - Electromechanical Contactor and Motor Starters

IEC 61000-3-12 (2012) Electromagnetic Compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and <=75 A per phase


IEC 61000-6-2 (2021) Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments

IEC 61010 (2021) Overview - Standard for Safety Requirements for Electrical Equipment

IEC 61099 (2010; ED 2.0) Insulating Liquids - Specifications for Unused Synthetic Organic Esters for Electrical Purposes

IEC 61131-3 (2013) Programmable Controllers - Part 3: Programming Languages

IEC 61215 (2005; ED 2.0) Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval

IEC 61400-SER (2014) Wind Turbine Generator Systems - ALL PARTS


IEC 61646 (2008; ED 2.0) Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval


IEC 61800-3 (2021) Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
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<th>Standard</th>
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<td>IEC 61850</td>
<td>(2021) Communication networks and systems for power utility automation</td>
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<td>IEC 62053-22</td>
<td>(2020) Electricity Metering Equipment (A.C.) - Particular Requirements - Part 22: Static Meters for Active Energy (Classes 0,2 S and 0,5 S)</td>
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<tr>
<td>IEC 62271-103</td>
<td>(2021) High-Voltage Switchgear and Controlgear - Part 103: Switches for Rated Voltages Above 1 Kv up to and Including 52 Kv</td>
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<td>IEC 62271-111</td>
<td>(2019) High Voltage Switchgear And Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems up to and including 38 kV</td>
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<tr>
<td>IEC TS 62727</td>
<td>(2012; ED 1.0) Photovoltaic Systems - Specifications for Solar Trackers</td>
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</tbody>
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**INTERNATIONAL FEDERATION FOR STRUCTURAL CONCRETE (fib)**


**INTERNATIONAL GROUND SOURCE HEAT PUMP ASSOCIATION (IGSHPA)**

| IGSHPA 21015 | (2000) Grouting for Vertical GHP Systems |
| IGSHPA 21035 | (2017) Design and Installation Standards |
| IGSHPA 21060 | (1989) Soil and Rock Classification Field Manual |

**INTERNATIONAL INSTITUTE OF AMMONIA REFRIGERATION (IIAR)**


**INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA)**
IMSA 32  (1997) Copper-Covered Steel Messenger Strand, 30 Percent or 40 Percent Conductivity

INTERNATIONAL NAVIGATION ASSOCIATION (PIANC)


INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)

ANSI ISO/IEC 7816  (R 2009) Identification Cards - Integrated Circuit Cards

ISO 34-1  (2022) Rubber, Vulcanized or Thermoplastic -- Determination of Tear Strength -- Part 1: Trouser, Angle and Crescent Test Pieces

ISO 37  (2017) Rubber, Vulcanized or Thermoplastic -- Determination of Tensile Stress-Strain Properties


ISO 261  (1998) ISO General Purpose Metric Screw Threads - General Plan


ISO 263  (1973) ISO Inch Screw Threads - General Plan and Selection for Screws, Bolts and Nuts - Diameter Range 0.06 to 6 inch


ISO 815-1  (2019) Rubber, Vulcanized or Thermoplastic -- Determination of Compression Set -- Part 1: At Ambient or Elevated Temperatures


ISO 1219-1  (2012; Amd 1 2016) Fluid Power Systems and
Components Graphic Symbols and Circuit Diagrams - Part 1: Graphic Symbols for Conventional Use and Data-Processing Applications


ISO 1629 (2013) Rubber and Latices - Nomenclature


ISO 2551 (2020) Textile Floor Coverings and Textile Floor Coverings in Tile Form - Determination of Dimensional Changes Due to the Effects of Varied Water and Heat Conditions and Distortion Out of Plane

ISO 2758 (2014) Paper - Determination of Bursting Strength

ISO 2858 (1975) End Suction Centrifugal Pump (Rating 16 Bar) Designation Nominal Duty Point and Dimensions - International Restrictions


ISO 3813 (2004) Resilient Floor Coverings - Cork Floor Tiles


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<th>ISO Code</th>
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<tr>
<td>ISO 5209</td>
<td>(1977) General Purpose Industrial Valves - Marking</td>
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<tr>
<td>ISO 5598</td>
<td>(2020) Fluid Power Systems and Components - Vocabulary</td>
</tr>
<tr>
<td>ISO 5752</td>
<td>(2021) Metal Valves for Use in Flanged Pipe Systems - Face to Face and Center to Face Dimensions</td>
</tr>
<tr>
<td>ISO 7619-1</td>
<td>(2010) Rubber, Vulcanized or Thermoplastic -</td>
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Determination of indentation hardness - Part 1: Duromater method (Shore hardness)

ISO 8502-3 (2017) Preparation of Steel Substrates 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)

ISO 8528 (1993; R 2018) Reciprocating Internal Combustion Engine Driven Alternating Current Generator Sets--Part 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13


ISO 11171 (2022) Hydraulic Fluid Power - Calibration of Automatic Particle Counters for Liquids

by Automatic Particle Counting Using the Light-Extinction Principle - Second Addition


ISO 19110 (2016) Geographic Information Methodology for Feature Cataloguing


ISO 19115-2 (2019; AMD 1 2022) Geographic Information -- Metadata -- Part 2: Extensions for Acquisition and Processing

ISO 19119 (2016) Geographic Information -- Services


ISO 20816-3 (2022) Mechanical Vibration -- Measurement and Evaluation of Machine Vibration -- Part 3: Industrial Machinery with a Power Rating Above 15 kW and Operating Speeds Between 120 r/min and 30 000 r/min


ISO ISO/IEC 17065 (2012) Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services


INTERNATIONAL SAFETY EQUIPMENT ASSOCIATION (ISEA)

ANSI/ISEA Z87.1 (2020) Occupational and Educational Personal Eye and Face Protection Devices

ANSI/ISEA Z89.1 (2014; R 2019) American National Standard for Industrial Head Protection

INTERNATIONAL SOCIETY OF AUTOMATION (ISA)

ANSI/ISA 5.1 (2022) Instrumentation Symbols and Identification


ISA 5.2 (1976; R1992) Binary Logic Diagrams for Process Operations

ISA 5.3 (1983) Graphic Symbols for Distributed Control/Shared Display Instrumentation, Logic, and Computer Systems

ISA 7.0.01 (1996) Quality Standard for Instrument Air

ISA 18.1 (1979; R2004) Annunciator Sequences and Specifications

ISA 51.1 (1979; R1993) Process Instrumentation Terminology

ISA 92.00.01 (2010; R 2015) Performance Requirements for Toxic Gas Detectors


ISA MC96.1 (1982) Temperature Measurement Thermocouples

ISA RP2.1 (1978) Manometer Tables

ISA RP60.9 (1981) Piping Guide for Control Centers

ISEE PSBS (2017) ISEE Performance Specification for Blasting Seismographs

INTERNATIONAL WINDOW CLEANING ASSOCIATION (IWCA)


INTERNET ENGINEERING TASK FORCE (IETF)


RFC 821 (2001) Simple Mail Transfer Protocol (SMTP)

IPC - ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES (IPC)

Japanese Standards Association (JSA)

JSA JIS B 1519 (2009; R 2013; R 2018) Rolling Bearings - Static Load Ratings

L.H. BAILEY HORTORIUM (LHBH)

LHBH (1976) Hortus Third

LONMARK INTERNATIONAL (LonMark)


LonMark SCPT List (2014) LonMark SCPT Master List; Version 15

LonMark SNVT List (2014) LonMark SNVT Master List; Version 15


MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS INDUSTRY (MSS)


MSS SP-44 (2019) Steel Pipeline Flanges

MSS SP-45 (2020) Bypass and Drain Connections


MSS SP-61 (2019) Pressure Testing of Valves

MSS SP-67 (2022) Butterfly Valves
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<td>MSS SP-70</td>
<td>(2011) Gray Iron Gate Valves, Flanged and Threaded Ends</td>
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<td>MSS SP-71</td>
<td>(2018) Gray Iron Swing Check Valves, Flanged and Threaded Ends</td>
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<td>MSS SP-72</td>
<td>(2010a) Ball Valves with Flanged or Butt-Welding Ends for General Service</td>
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<tr>
<td>MSS SP-78</td>
<td>(2011) Cast Iron Plug Valves, Flanged and Threaded Ends</td>
<td></td>
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<tr>
<td>MSS SP-80</td>
<td>(2019) Bronze Gate, Globe, Angle and Check Valves</td>
<td></td>
<td></td>
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<tr>
<td>MSS SP-83</td>
<td>(2014) Class 3000 Steel Pipe Unions Socket Welding and Threaded</td>
<td></td>
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<tr>
<td>MSS SP-86</td>
<td>(2021) Guidelines for Metric Data in Standards for Valves, Flanges, Fittings and Actuators</td>
<td></td>
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<tr>
<td>MSS SP-104</td>
<td>(2012) Wrought Copper Solder Joint Pressure Fittings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSS SP-110</td>
<td>(2010) Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSS SP-125</td>
<td>(2010) Gray Iron and Ductile Iron In-Line, Spring-Loaded, Center-Guided Check Valves</td>
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**MAPLE FLOORING MANUFACTURERS ASSOCIATION (MFMA)**

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<th>Publication Year(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td>MFMA APSFSCL</td>
<td>(2016) Athletic Floor Sealer and Finish Specifications and Conformance List #35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFMA GRHM</td>
<td>(2000) Grading Rules for MFMA Northern Hardwood Maple</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFMA SSCLFMGF</td>
<td>(2016) Sanding, Sealing, Court Lining, Finishing and Resurfacing of Maple Gym Floors</td>
<td></td>
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</table>

**MARBLE INSTITUTE OF AMERICA (MIA)**

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**MASTER PAINTERS INSTITUTE (MPI)**

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MPI 6  (2015) Primer, Exterior Latex Wood
MPI 8  (2016) Alkyd, Exterior Flat (MPI Gloss Level I)
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MPI 10 (2016) Latex, Exterior Flat (MPI Gloss Level 1)
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MPI 16 (2016) Stain, Exterior, Water Based, Solid Hide
MPI 17 (2016) Primer, Bonding, Water Based
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MPI 32 (2012) Traffic Marking Paint, S.B.
MPI 38 (2016) Elastomeric Coating, Exterior, Water Based, Non-Flat
MPI 39 (2018) Primer, Latex, for Interior Wood
MPI 42 (2012) Textured Coating, Latex, Flat
MPI 44 (2016) Latex, Interior, (MPI Gloss Level 2)
MPI 45 (2016) Primer Sealer, Interior Alkyd
| MPI 46 | (2016) Undercoat, Enamel, Interior |
| MPI 47 | (2016) Alkyd, Interior, Semi-Gloss (MPI Gloss Level 5) |
| MPI 48 | (2016) Alkyd, Interior, Gloss (MPI Gloss Level 6-7) |
| MPI 49 | (2015) Alkyd, Interior, Flat (MPI Gloss Level 1) |
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MPI 104 (2012) Sealer, Solvent Based, for Concrete Floors

MPI 107 (2016) Primer, Rust-Inhibitive, Water Based


MPI 113 (2018) Elastomeric, Pigmented, Exterior, Water Based, Flat

MPI 114 (2012) Latex, Interior, Gloss (MPI Gloss Level 6)

MPI 116 (2012) Block Filler, Epoxy

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MPI 134 (2015) Primer, Galvanized, Water Based


MPI 144 (2016) Latex, Interior, Institutional Low Odor/VOC, (MPI Gloss Level 2)


MPI 146 (2016) Latex, Interior, Institutional Low Odor/VOC, (MPI Gloss Level 4)

MPI 147 (May 2016) Latex, Interior, Institutional Low Odor/VOC, Semi-Gloss (MPI Gloss Level 5)

MPI 149 (2016) Primer Sealer, Interior, Institutional Low Odor/VOC

MPI 151 (2016) Light Industrial Coating, Interior, Water Based (MPI Gloss Level 3)

MPI 153 (2016) Light Industrial Coating, Interior, Water Based, Semi-Gloss (MPI Gloss Level 5)

MPI 154 (2016) Light Industrial Coating, Interior, Water Based, Gloss (MPI Gloss Level 6)
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<td>MPI 211</td>
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METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA)


METAL FRAMING MANUFACTURERS ASSOCIATION (MFMA)

MFMA-4 (2004) Metal Framing Standards Publication

MIDDLE ATLANTIC PRODUCTS (MA)

MA Whitepaper (2018) Controlling the Temperature Inside Equipment Enclosures

MIDWEST INSULATION CONTRACTORS ASSOCIATION (MICA)

MICA Insulation Stds (8th Ed) National Commercial & Industrial Insulation Standards

MIDWEST ROOFING CONTRACTORS ASSOCIATION (MRCA)

CERTA (2007) NRCA/MRCA Certified Roofing Torch Applicator Program

MODBUS ORGANIZATION, INC (MODBUS)


NACE INTERNATIONAL (NACE)


NACE SP0106 (2018) Control of Internal Corrosion in Steel Pipelines and Piping Systems

NACE SP0169 (2013) Control of External Corrosion on Underground or Submerged Metallic Piping Systems

NACE SP0176 (2007) Corrosion Control of Submerged Areas of Permanently Installed Steel Offshore Structures Associated with Petroleum Production


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<td>(1999; R 2006) Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates</td>
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<td>(2016) Application of Cathodic Protection to Control External Corrosion of Carbon Steel On-Grade Storage Tank Bottoms</td>
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<td>(2014) Standard Practice Steel-Cased Pipeline Practices</td>
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<td>(1974; R 2011) High Voltage Electrical Inspection of Pipeline Coatings</td>
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<td>NACE SP0285</td>
<td>(2021) External Corrosion Control of Underground Storage Tank Systems by Cathodic Protection</td>
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<td>NACE SP0286</td>
<td>(1997; R 2007) Standard Practice Electrical Isolation of Cathodically Protected Pipelines</td>
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<td>NACE SP0288</td>
<td>(2011) Inspection of Linings on Steel and Concrete Equipment</td>
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<td>NACE SP21424</td>
<td>(2018) Alternating Current Corrosion on Cathodically Protected Pipelines: Risk Assessment, Mitigation and Monitoring</td>
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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

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RCBEA 2.63 (2004) Tank and Storage Tank Un-pressurized


NATIONAL AIR DUCT CLEANERS ASSOCIATION (NADCA)

NADCA (2005) Introduction to HVAC System Cleaning Services


NADCA ASCS (2013) Air Systems Cleaning Specialist to the NADCA Standard ACR

NADCA HVAC Inspection Ma (2021) Procedures for Assessing the Cleanliness of Commercial HVAC Systems

NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM)


NAAMM HMMA 801 (2012; R 2018) Glossary of Terms for Hollow Metal Doors and Frames

NAAMM HMMA 802 (2007) Manufacturing of Hollow Metal Doors and Frames

NAAMM HMMA 810 (2009) Hollow Metal Doors

NAAMM HMMA 820 (2008) Hollow Metal Frames

NAAMM HMMA 830 (2002) Hardware Selection for Hollow Metal Doors and Frames


NAAMM HMMA 850 (20140) Fire Rated Hollow Metal Doors and Frames


Hollow Metal Doors and Frames


NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS (NBBI)

NBBI NB-23 (2013) National Board Inspection Code

NATIONAL CABLE AND TELECOMMUNICATIONS ASSOCIATION (NCTA)

NCTA RP (1989) NCTA Recommended Practices for Measurements on Cable Television Systems

NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA)


NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS (NCRP)

NCRP 145 (2003) Radiation Protection in Dentistry
NCRP 147 (2004) Structural Shielding Design for Medical X-Ray Imaging Facilities
NCRP 148 (2004) Radiation Protection in Veterinary Medicines

NATIONAL DRILLING ASSOCIATION (NDA)


NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA)


NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

ANSI ANSLG C78.41 (2016) Electric Lamps--Guidelines for Low-Pressure Sodium Lamps
ANSI ANSLG C78.42 (2009; R 2016) For Electric Lamps: High-Pressure Sodium Lamps
ANSI C12.7 (2014) Requirements for Watthour Meter Sockets
ANSI C12.18 (2006; R 2016) Protocol Specification for ANSI Type 2 Optical Port

ANSI C12.20 (2015; E 2018) Electricity Meters - 0.1, 0.2, and 0.5 Accuracy Classes


ANSI C29.2 (2020) American National Standard for Insulators - Wet-Process Porcelain and Toughened Glass - Distribution Suspension Type

ANSI C29.3 (2015; R 2022) American National Standard for Wet Process Porcelain Insulators - Spool Type

ANSI C29.4 (1989; R 2012) Standard for Wet-Process Porcelain Insulators - Strain Type

ANSI C29.5 (1984; R 2002) Wet-Process Porcelain Insulators (Low and Medium Voltage Pin Type)

ANSI C29.9 (2017) Wet Process Porcelain Insulators - Apparatus, Post-Type


ANSI C78.23 (1995; R 2003) American National Standard for Incandescent Lamps - Miscellaneous Types


ANSI C78.54 (2019) Specification Sheet for Tubular Fluorescent Replacement and Retrofit LED Lamps


ANSI C80.1 (2020) American National Standard for Electrical Rigid Steel Conduit (ERSC)

ANSI C80.3 (2020) American National Standard for Electrical Metallic Tubing (EMT)

ANSI C80.5 (2020) American National Standard for Electrical Rigid Aluminum Conduit

ANSI C82.4 (2017) Lamp Ballasts - Ballasts for High-Intensity-Discharge and Low-Pressure Sodium Lamps

ANSI C119.1 (2016) Electric Connectors - Sealed Insulated
Underground Connector Systems Rated 600 Volts


ANSI C136.3 (2020) Roadway and Area Lighting Equipment - Luminaire Attachments


ANSI C136.10 (2017) Roadway and Area Lighting Equipment-Locking-Type Photocontrol Devices and Mating Receptacles--Physical and Electrical Interchangeability and Testing

ANSI C136.11 (2011; R 2016; STBL 2021) Roadway Lighting Equipment - Multiple Parallel Wired Sockets


ANSI C136.41 (2013) Roadway and Area Lighting Equipment-Dimming Control Between an External Locking Type Photocontrol and Ballast or Driver


ANSI/NEMA LD 3 (2005) Standard for High-Pressure Decorative Laminates

ANSI/NEMA OS 1 (2013; R 2020) Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports
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<td>American National Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps—Definitions</td>
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Generating Stations

NEMA C82.77-10 (2020) Harmonic Emission Limits - Related Power Quality Requirements


NEMA C119.4 (2011) Electric Connectors - Connectors for Use Between Aluminum-to-Aluminum or Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93 Degrees C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100 Degrees C

NEMA C135.4 (1987) Zinc-Coated Ferrous Eyebolts and Nuts for Overhead Line Construction


NEMA DC 3 (2013) Residential Controls - Electrical Wall-Mounted Room Thermostats


NEMA FB 1 (2014) Standard for Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable

NEMA FU 1 (2012) Low Voltage Cartridge Fuses

NEMA IA 2 (2005) Programmable Controllers - Parts 1 thru 8


NEMA ICS 2 (2000; R 2020) Industrial Control and Systems Controllers, Contactors, and Overload Relays Rated 600 V

NEMA ICS 3 (2005; R 2010) Medium-Voltage Controllers Rated 2001 to 7200 V AC

<p>| NEMA ICS 5         | (2017) Industrial Control and Systems: Control Circuit and Pilot Devices |
| NEMA ICS 6         | (1993; R 2016) Industrial Control and Systems: Enclosures |
| NEMA ICS 7         | (2020) Adjustable-Speed Drives |
| NEMA ICS 8         | (2011) Crane and Hoist Controllers |
| NEMA KS 1          | (2013) Enclosed and Miscellaneous Distribution Equipment Switches (600 V Maximum) |
| NEMA LI 1          | (1998; R 2011) Industrial Laminating Thermosetting Products |
| NEMA MG 1          | (2021) Motors and Generators |
| NEMA PB 1          | (2011) Panelboards |
| NEMA PB 2          | (2011) Deadfront Distribution Switchboards |</p>
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<td>(2016) Electronic Drivers for LED Devices, Arrays, or Systems</td>
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<td>(2011) High-Power White LED Binning for General Illumination</td>
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<td>(2021) Smooth-Wall Coilable and Straight Electrical Polyethylene Conduit</td>
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<td>NEMA TC 14</td>
<td>(2002) Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings</td>
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<tr>
<td>NEMA TR 1</td>
<td>(2013) Transformers, Regulators, and Reactors</td>
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<td>NEMA TS-1</td>
<td>(1989; R 2020) Traffic Control Systems (not recommended for new designs)</td>
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<td>NEMA VE 1</td>
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<td>NEMA VE 2</td>
<td>(2018; ERTA 1-2 2018) Cable Tray Installation Guidelines</td>
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<tr>
<td>NEMA WC 3</td>
<td>(1992; Rev 1 1994) Rubber-Insulated Wire and Cable</td>
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for the Transmission and Distribution of Electrical Energy

NEMA WC 26 (2008) Binational Wire and Cable Packaging Standard

NEMA WC 57 (2014) Standard for Control, Thermocouple Extension, and Instrumentation Cables

NEMA WC 58/ICEA S-75-381 (2008) Portable and Power Feeder Cables for Use in Mines and Similar Applications

NEMA WC 70 (2021) Power Cable Rated 2000 Volts or Less for the Distribution of Electrical Energy

NEMA WC 72 (1999; R 2020) Continuity of Coating Testing for Electrical Conductors


NEMA WC 27500 (2020) Standard for Aerospace and Industrial Electrical Cable

NEMA WD 1 (1999; R 2020) Standard for General Color Requirements for Wiring Devices

NEMA WD 6 (2021) Wiring Devices Dimensions Specifications

NEMA WD 7 (2011; R 2016; R 2021) Occupancy Motion Sensors Standard

NEMA Z535.1 (2022) Safety Colors

NEMA Z535.2 (2011; R 2017) Environmental and Facility Safety Signs

NEMA Z535.4 (2011; R 2017) Product Safety Signs and Labels

NEMA/ANSI C12.10 (2011; R 2021) Physical Aspects of Watthour Meters - Safety Standard

NEMA/ANSI C12.11 (2006; R 2019) Instrument Transformers for Revenue Metering, 10 kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV)


NATIONAL ELEVATOR INDUSTRY, INC. (NEII)

NEII-1 (2000; R thru 2017) Building Transportation Standards and Guidelines, including the Performance Standards Matrix for New Elevator Installation

NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB)


NATIONAL FENESTRATION RATING COUNCIL (NFRC)

NFRC 100 (2020) Procedure for Determining Fenestration Product U-Factors


NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 1 (2021) Fire Code


NFPA 10 (2022; ERTA 1 2021) Standard for Portable Fire Extinguishers

NFPA 11 (2021; TIA 21-1; TIA 21-2) Standard for Low-, Medium- and High- Expansion Foam

NFPA 12 (2022) Standard on Carbon Dioxide Extinguishing Systems

NFPA 12A (2022) Standard on Halon 1301 Fire Extinguishing Systems

NFPA 13 (2022; ERTA 3 2022) Standard for the Installation of Sprinkler Systems

NFPA 13D (2022) Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes


NFPA 14 (2019; TIA 19-1) Standard for the Installation of Standpipes and Hose Systems
<p>| NFPA 17 | (2021) Standard for Dry Chemical Extinguishing Systems |
| NFPA 17A | (2021) Standard for Wet Chemical Extinguishing Systems |
| NFPA 20 | (2022; TIA 21-1; TIA 21-2) Standard for the Installation of Stationary Pumps for Fire Protection |
| NFPA 22 | (2022) Standard for Water Tanks for Private Fire Protection |
| NFPA 24 | (2022) Standard for the Installation of Private Fire Service Mains and Their Appurtenances |
| NFPA 25 | (2020; TIA 21-1) Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems |
| NFPA 30 | (2021; TIA 20-1; TIA 20-2; TIA 21-3) Flammable and Combustible Liquids Code |
| NFPA 30A | (2021; TIA 20-1) Code for Motor Fuel Dispensing Facilities and Repair Garages |
| NFPA 31 | (2020) Standard for the Installation of Oil-Burning Equipment |
| NFPA 37 | (2021) Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines |
| NFPA 51B | (2019; TIA 20-1) Standard for Fire Prevention During Welding, Cutting, and Other Hot Work |
| NFPA 55 | (2023) Compressed Gases and Cryogenic Fluids Codes |
| NFPA 58 | (2020; TIA 20-1; TIA 20-2; TIA 20-3) Liquefied Petroleum Gas Code |
| NFPA 65 | (1993) Processing and Finishing of Aluminum |
| NFPA 70 | (2020; TIA 22-1; ERTA 1 2022) National Electrical Code |
| NFPA 70B | (2019) Recommended Practice for Electrical Equipment Maintenance |</p>
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NFPA 262  (2019) Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces
NFPA 291  (2022) Recommended Practice for Fire Flow Testing and Marking of Hydrants
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<td>(2021) Standard for Purged and Pressurized Enclosures for Electrical Equipment</td>
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<td>(2018) Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations</td>
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<td>(2019; TIA 21-1) Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems</td>
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NFPA 2001 (2022) Standard on Clean Agent Fire Extinguishing Systems

NATIONAL FLUID POWER ASSOCIATION (NFLPA)

ANSI/NFLPA T3.12.3 (1992; Rev 2) Pneumatic Fluid Power - Pressure Regulator - Industrial Type

ANSI/NFLPA T3.16.2 (1997; Rev 1; Reapproved 2005) Hydraulic Fluid Power - Design for Nonintegral Industrial Reservoirs


NFLPA T3.5.1 (2002; R 2021) Hydraulic Fluid Power - Valves, Mounting Surfaces


NATIONAL HARDWOOD LUMBER ASSOCIATION (NHLA)


NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)


NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)


NIOSH 99-109 (Latest) Certified Equipment List


NIOSH NMAM (2016; 5th Ed) NIOSH Manual of Analytical Methods

NATIONAL INSTITUTE OF BUILDING SCIENCES (NIBS)

NBIMS-US (V3) National BIM Standard - United States

NCS (V6) United States National CAD Standard

NATIONAL INSTITUTE OF JUSTICE (NIJ)
NIJ Std 0108.01 (1985) Ballistic Resistant Protective Materials

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)


NIST FIPS 201-2 (2013) Personal Identity Verification (PIV) of Federal Employees and Contractors

NIST HB 44 (2018) Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices


NIST HB 150 (2016) National Voluntary Laboratory Accreditation Program Procedures and General Requirements

NIST HB 150-8 (2018) NVLAP Acoustical Testing Services

NIST PS 1 (2009) DOC Voluntary Product Standard PS 1-07, Structural Plywood


NATIONAL LIME ASSOCIATION (NLA)


NATIONAL PARK SERVICE (NPS)


NATIONAL PRECAST CONCRETE ASSOCIATION (NPCA)

NPCA QC Manual (2017) Quality Control Manual for Precast and Prestressed Concrete Plants

NATIONAL READY MIXED CONCRETE ASSOCIATION (NRMCA)
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<td>(2010) Architectural Metal Flashing, Condensation Control and Reroofing</td>
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<td>(2017) Quality Control and Quality-assurance Guidelines for the Application of Membrane Roof Systems</td>
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<td>NRCA 3767</td>
<td>(2012) NRCA Guidelines for Roof Systems With Rooftop Photovoltaic Components</td>
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<tr>
<td>NRCA C3701</td>
<td>(1997) Repair Manual for Low Slope Membrane Roof Systems</td>
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OPC FOUNDATION (OPC)

OPC DA
(Ver 3.0; Errata) OPC Data Access (DA)

OPEN NETWORK VIDEO INTERFACE FORUM (ONVIF)

ONVIF
(2017) Core Specification Version 17.06

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)

OECD Test 203
(1992) Fish Acute Toxicity Test

PASSIVE HOUSE INSTITUTE - US (PHIUS)

PHIUS Certified
Certified Data Program for Window Performance

PASSIVE HOUSE INSTITUTE INTERNATIONAL (PHI)

Passivhaus Certified

Passivhaus Criteria

PETROLEUM EQUIPMENT INSTITUTE (PEI)

RP900-17
(2017) UST Inspection and Maintenance

PILE DRIVING CONTRACTORS ASSOCIATION (PDCA)

PDCA Specification 103

PIPE FABRICATION INSTITUTE (PFI)

PFI ES 1
(2010) Internal Machining and Solid Machined Backing Rings for Circumferential Butt Welds

PFI ES 3
(2009) Fabricating Tolerances

PFI ES 7
(2013) Minimum Length and Spacing for Welded Nozzles

PFI ES 11
(2014) Permanent Marking of Piping Materials

PFI ES 21
(2010) Internal Machining and Fit-up of GTAW Root Pass Circumferential Butt Welds
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<td>PFI ES 22</td>
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<td>(2016) Standard for Protection of Ends of Fabricated Piping Assemblies</td>
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<td>PFI ES 35</td>
<td>(2016) Nonsymmetrical Bevels and Joint Configurations for Butt Welds</td>
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<tr>
<td>PPFA Fire Man</td>
<td>(2016) Firestopping: Plastic Pipe in Fire Resistive Construction</td>
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<tr>
<td>NARMS 54</td>
<td>(1992) On-Farm Composting Handbook</td>
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<td>PLUMBING AND DRAINAGE INSTITUTE (PDI)</td>
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PTI M55.1 (2019; Errata 2020) Specification for Grouting of Post-Tensioned Structures


PRECAST/PRESTRESSED CONCRETE INSTITUTE (PCI)

PCI BDM (2011) Precast Prestressed Concrete Bridge Design Manual

PCI JR-382 (1993) PCI Journal: Recommended Practice for Design, Manufacture and Installation of Prestressed Concrete Piling


PROGRAMME FOR ENDORSEMENT OF FOREST CERTIFICATION (PEFC)


REDWOOD INSPECTION SERVICE (RIS) OF THE CALIFORNIA REDWOOD ASSOCIATION (CRA)

RIS Grade Use (1998) Redwood Lumber Grades and Uses

RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC)
RCSC A348  (2020) RCSC Specification for Structural Joints Using High-strength Bolts

RESILIENT FLOOR COVERING INSTITUTE (RFCI)

FLOORSCORE  FLOORSCORE IAQ Certification

RUBBER MANUFACTURERS ASSOCIATION (RMA)


SANDIA NATIONAL LABORATORIES (SAND)


SCIENTIFIC CERTIFICATION SYSTEMS (SCS)

SCS  SCS Global Services (SCS) Indoor Advantage

SCREEN MANUFACTURERS ASSOCIATION (SMA)

SMA 1004  (1987; R 1998) Aluminum Tubular Frame Screens for Windows

SMA 1201  (R 2013) Specifications for Insect Screens for Windows, Sliding Doors and Swinging Doors

SEMICONDUCTOR EQUIPMENT AND MATERIALS INTERNATIONAL (SEMI)

SEMI C28  (2011) Specifications for Hydrofluoric Acid

SEMI C35  (2008) Specifications and Guidelines for Nitric Acid

SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION (SMACNA)


SINGLE PLY ROOFING INDUSTRY (SPRI)


SOCIETY FOR PROTECTIVE COATINGS (SSPC)


SSPC 7/NACE No.4  (2007) Brush-Off Blast Cleaning
Type II, Organic)

SSPC Paint 21 (1982; E 2004) White or Colored Silicone Alkyd Paint (Type I, High Gloss and Type II, Medium Gloss)


SSPC Paint 25 (1997; E 2004) Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Hand Cleaned Steel, Type I and Type II

SSPC Paint 28 (1991; E 2004) Water-Borne Epoxy Primer for Steel Surfaces

SSPC Paint 29 (2002; E 2004) Zinc Dust Sacrificial Primer, Performance-Based

SSPC Paint 33 (2006; R 2015; E 2015) Coal Tar Mastic, Cold-Applied


SSPC QP 1 (2019) Standard Procedure for Evaluating the Qualifications of Industrial/Marine Painting Contractors (Field Application to Complex Industrial Steel Structures and Other Metal Components)


SSPC QP 8 (2015) Standard Procedure for Evaluating the Qualifications of Contracting Firms that Install
Polymer Coatings, Surfacings, Linings or FRP Composites on Concrete and Other Cementitious Substrates


SSPC SP 1 (2015) Solvent Cleaning

SSPC SP 2 (2018) Hand Tool Cleaning

SSPC SP 3 (2018) Power Tool Cleaning

SSPC SP 5/NACE No. 1 (2007) White Metal Blast Cleaning

SSPC SP 6/NACE No.3 (2007) Commercial Blast Cleaning

SSPC SP 8 (1982; E 2004) Pickling

SSPC SP 10/NACE No. 2 (2015) Near-White Blast Cleaning

SSPC SP 11 (2020) Surface Preparation Standard No. 11 - Power Tool Cleaning to Bare Metal

SSPC SP 12/NACE No.5 (2002) Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating

SSPC SP 16 (2010) Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals

SSPC SP 17 (2019) Thorough Abrasive Blast Cleaning of Non-Ferrous Metals

SSPC SP COM (2016; E 2017) Surface Preparation Commentary for Steel and Concrete Substrates


SSPC-SP WJ-1/NACE WJ-1 (2012) Clean to Bare Substrate, Waterjet Cleaning of Metals

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<td>(2012) Aerospace Microscopic Sizing and Counting of</td>
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**Society of Cable Telecommunications Engineers (SCTE)**

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SOUTHERN PINE INSPECTION BUREAU (SPIB)


SPRAY POLYURETHANE FOAM ALLIANCE (SPFA)

SPFA AY-104 (1994; R 2008) Spray Polyurethane Foam Systems for New and Remedial Roofing

SPFA TechDocs (2015) SPFA Technical Documents Library, four categories: General, Insulation, Roofing, Specialty

STATE OF CALIFORNIA DEPARTMENT OF CONSUMER AFFAIRS, BUREAU OF ELECTRICAL AND APPLIANCE REPAIR, HOME FURNISHINGS AND THERMAL INSULATION (BEARHFTI)


STATE OF CALIFORNIA, DEPARTMENT OF CONSUMER AFFAIRS, BUREAU OF HOME FURNISHINGS AND THERMAL INSULATION (CTB)

CTB 117-2000 Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture

CTB 117-2013 Requirements, Test Procedure and Apparatus for Smolder Resistance of Materials Used in Upholstered Furniture

STEEL DECK INSTITUTE (SDI)

ANSI/SDI C (2017) Standard for Composite Steel Floor Deck - Slabs

ANSI/SDI NC (2017) Standard for Non-Composite Steel Floor Deck


SDI DDM04 (2015; Errata 1-3 2016; Add 1 2015; Add 2 20162006) Diaphragm Design Manual; 4th Edition

SDI DDP (1987; R 2000) Deck Damage and Penetrations

STEEL DOOR INSTITUTE (SDI/DOOR)

SDI/DOOR 111  (2009) Recommended Details for Standard Steel Doors, Frames, and Accessories and Related Components

SDI/DOOR 113  (2013; R2018) Standard Practice for Determining the Steady-State Thermal Transmittance of Steel Door and Frame Assemblies


SDI/DOOR A250.6  (2015) Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames

SDI/DOOR A250.8  (2017) Specifications for Standard Steel Doors and Frames

SDI/DOOR A250.11 (2012) Recommended Erection Instructions for Steel Frames

STEEL JOIST INSTITUTE (SJI)


SJI MANUAL  (2009) 80 Years of Open Web Steel Joist Construction

STEEL TANK INSTITUTE (STI)


STI 020-50-1000  (2010) ACT-100 Specification for External Corrosion Protection of FRP Composite Steel USTs

STI 700-50-5007  (2010) Installation Instructions for Shop Fabricated Aboveground Tanks for Flammable, Combustible Liquids

STI F911  (1998; Reissued 2009) Standard for Diked Aboveground Storage Tanks

STI SP001 (2018, 6th Ed) SP001 Standard for The Inspection of Aboveground Storage Tanks

STI SP131 (2014) SP131 Standard for Inspection & Repair Underground Steel Tanks

STEEL WINDOW INSTITUTE (SWI)


SWI SWS (2017; R 2018) Steel Window Specifications

SUSTAINABLE FOREST INITIATIVE (SFI)


TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY (TAPPI)

TAPPI T403 OM (2015) Bursting Strength of Paper

TAPPI T803 OM (2010) Puncture Test of Container Board

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)


TIA-222 (2018H; Add 1 2019) Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures

TIA-232 (1997f; R 2012) Interface Between Data Terminal Equipment and Data Circuit-Terminating Equipment Employing Serial Binary Data Interchange


TIA-455-13 (1996a; R 2012) FOTP-13 Visual and Mechanical Inspection of Fiber Optic Components, Devices, and Assemblies

TIA-455-21 (1988a; R 2012) FOTP-21 - Mating Durability of Fiber Optic Interconnecting Devices

TIA-455-33 (2005b; R 2013) Optical Cable Tensile Loading and Bending Test


TIA-455-58 (2001b) FOTP-58 Core Diameter Measurement of Graded-Index Optical Fibers

TIA-455-78-B (2020c) FOTP-78 Optical Fibres - Part 1-40: Measurement Methods and Test Procedures -
ATTENUATION

**TIA-455-82**  
(2020c) FOTP-82 Fluid Penetration Test for Fluid-Blocked Fiber Optic Cable

**TIA-455-91**  
(1986; R 1996) FOTP-91 Fiber Optic Cable Twist-Bend Test

**TIA-455-104**  
(2016b) Standard for FOTP-104 Fiber Optic Cable Cyclic Flexing Test

**TIA-455-107**  
(1999a) FOTP-107 Determination of Component Reflectance or Link/System Return Loss using a Loss Test Set

**TIA-455-175**  
(2020c) FOTP-175 IEC-60793-1-42: Measurement Methods and Test Procedures – Chromatic Dispersion

**TIA-455-177**  
(2020c) FOTP-177 IEC-60793-1-43: Measurement Methods and Test Procedures – Numerical Aperture

**TIA-472D000**  
(2007b) Fiber Optic Communications Cable for Outside Plant Use

**TIA-485**  
(1998a; R 2012) Electrical Characteristics of Generators and Receivers for Use in Balanced Digital Multipoint Systems

**TIA-492AAAA**  
(2009b) 62.5-um Core Diameter/125-um Cladding Diameter Class 1a Graded-Index Multimode Optical Fibers

**TIA-492AAAB**  
(2009a) 50-Um Core Diameter/125-Um Cladding Diameter Class IA Graded-Index Multimode Optical Fibers

**TIA-492CAAA**  

**TIA-492E000**  

**TIA-526-7**  

**TIA-526-14**  
(2015c) OFSTP-14A Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant

**TIA-568.0**  
(2020e) Generic Telecommunications Cabling for Customer Premises

**TIA-568.1**  
(2020e) Commercial Building Telecommunications
Infrastructure Standard

TIA-568.2 (2018d) Balanced Twisted-Pair Telecommunications Cabling and Components Standards

TIA-568.3 (2016d; Add 1 2019) Optical Fiber Cabling Components Standard

TIA-568.4 (2022e) Broadband Coaxial Cabling and Components Standard

TIA-569 (2019e; Add 1 2022) Telecommunications Pathways and Spaces

TIA-570 (2012c) Residential Telecommunications Infrastructure Standard

TIA-590 (1997a) Standard for Physical Location and Protection of Below Ground Fiber Optic Cable Plant

TIA-606 (2021d) Administration Standard for Telecommunications Infrastructure

TIA-607 (2019d) Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises

TIA-758 (2012b) Customer-Owned Outside Plant Telecommunications Infrastructure Standard

TIA-1019 (2012; R 2016) Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas

TIA-1152 (2016; R 2021) Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling

TIA/EIA-455 (1998b) Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components


TIA/EIA-455-41 (1993a; R 2013) FOTP-41 Compressive Loading Resistance of Fiber Optic Cables

TIA/EIA-455-81 (2000b) FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable

TIA/EIA-455-88 (2001) FOTP-88 Fiber Optic Cable Bend Test

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<td>TRIDIUM, INC (TRIDIUM)</td>
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<tr>
<td>Tridium Open NiCS</td>
<td>(2005) Understanding the NiagaraAX Compatibility Statement (NiCS)</td>
<td></td>
</tr>
</tbody>
</table>
TRUSS PLATE INSTITUTE (TPI)


TPI HIB (1991) Commentary and Recommendations for Handling, Installing and Bracing Metal Plate Connected Wood Trusses

TUBULAR EXCHANGER MANUFACTURERS ASSOCIATION (TEMA)

TEMA Stds (2007) Standards of the Tubular Exchange Manufacturers Association (TEMA)

TURFGRASS PRODUCERS INTERNATIONAL (TPI)

TPI GSS (1995) Guideline Specifications to Turfgrass Sodding

U.S. AIR FORCE (USAF)

AFI 32-1065 (2017) Grounding Systems


U.S. ARMY (DA)

DA PAM 385-64 (2011) Ammunition and Explosives Safety Standards

U.S. ARMY CORPS OF ENGINEERS (USACE)


CERL Tech Rep FM-95/05 (1994) Field Evaluation of Cathodic Protection Systems Using Ceramic-Coated Anodes for Lock and Dam Gates


COE CRD-C 53 (2001) Test Method for Consistency of No-Slump Concrete Using the Modified Vebe Apparatus

COE CRD-C 55 (1992) Test Method for Within-Batch Uniformity of Freshly Mixed Concrete

COE CRD-C 61 (1989A) Test Method for Determining the Resistance of Freshly Mixed Concrete to Washing Out in Water

Retarders

COE CRD-C 100 (1975) Method of Sampling Concrete Aggregate and Aggregate Sources, and Selection of Material for Testing

COE CRD-C 104 (1980) Method of Calculation of the Fineness Modulus of Aggregate

COE CRD-C 112 (1969) Method of Test for Surface Moisture in Aggregate by Water Displacement

COE CRD-C 114 (1997) Test Method for Soundness of Aggregates by Freezing and Thawing of Concrete Specimens


COE CRD-C 143 (1962) Specifications for Meters for Automatic Indication of Moisture in Fine Aggregate


COE CRD-C 300 (1990) Specifications for Membrane-Forming Compounds for Curing Concrete

COE CRD-C 400 (1963) Requirements for Water for Use in Mixing or Curing Concrete


COE CRD-C 572 (1974) Corps of Engineers Specifications for Polyvinylchloride Waterstops


EM 200-1-1 (1994) Environmental Quality -- Validation of Analytical Chemistry Laboratories
<table>
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<th>Title</th>
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<tr>
<td>EM 200-1-7</td>
<td>(2001) Environmental Quality - Performance Evaluation (PE) Program</td>
</tr>
<tr>
<td>EM 200-1-13</td>
<td>(2016) Environmental Quality -- Minimizing the Risk of Legionellosis Associated with Building Water Systems on Army Installation</td>
</tr>
<tr>
<td>EM 1110-1-1002</td>
<td>(2012) Survey Markers and Monumentations</td>
</tr>
<tr>
<td>EM 1110-1-1804</td>
<td>(2001) Engineering and Design -- Geotechnical Investigations</td>
</tr>
<tr>
<td>EM 1110-1-1906</td>
<td>(1996) Engineering and Design -- Soil Sampling</td>
</tr>
<tr>
<td>EM 1110-1-2909</td>
<td>(2012) Engineering and Design -- Geospatial Data and Systems</td>
</tr>
<tr>
<td>EM 1110-1-4006</td>
<td>(1998) Engineering and Design -- Removal of Underground Storage Tanks (USTs)</td>
</tr>
<tr>
<td>EM 1110-2-1424</td>
<td>(2016) Engineering and Design -- Lubricants and Hydraulic Fluids</td>
</tr>
<tr>
<td>EM 1110-2-1908</td>
<td>(2020) Instrumentation of Embankment Dams and Levees</td>
</tr>
<tr>
<td>EM 1110-2-2610</td>
<td>(2013) Engineering and Design -- Mechanical and Electrical Design for Lock and Dam Operating Equipment</td>
</tr>
<tr>
<td>EM 1110-2-2704</td>
<td>(2021) Engineering and Design -- Cathodic Protection Systems (CPS) for Civil Works (CW) Structures</td>
</tr>
</tbody>
</table>
EM 1110-2-2901 (1997) Engineering and Design -- Tunnels and Shafts in Rock

EM 1110-2-3105 (2020) Engineering and Design -- Mechanical and Electrical Design of Pump Stations

EM 1110-2-3506 (2017) Engineering and Design -- Grouting Technology


ER 1-1-11 (2017) Administration -- Project Schedules


ER 385-1-95 (2014) Safety -- Safety and Health Requirements for Operations and Activities Involving Munitions and Explosives of Concern

ER 1110-1-12 (2006; Change 1) Engineering and Design -- Quality Management

ER 1110-1-1807 (2014) Drilling in Earth Embankment Dams and Levees

ER 1110-1-8167 (2016) Engineering and Design -- Petroleum, Oil, and Lubricants Mandatory Center Of Expertise

ER 1110-3-1301 (2016) Engineering and Design -- Environmental Remediation and Removal Programs Cost Engineering


TR-EL-97-8 (1997) Bioengineering for Streambank Erosion Control; Report 1, Guidelines
U.S. ARMY ENVIRONMENTAL COMMAND (USAEC)


U.S. Code (USC)

8 USC 1101 Definitions
10 USC 6011 Navy Regulations
16 USC 470 National Historic Preservation Act
16 USC 668 Bald and Golden Eagle Protection Act
16 USC 1361 Marine Mammal Protection Act
16 USC 1531 Endangered Species Act
16 USC 1801 Magnuson-Stevens Act
19 USC 13 Trade Agreements Act of 1979
33 USC 1251 Clean Water Act
33 USC 1401 Marine Protection, Research and Sanctuaries Act
41 USC 83 Buy American Act
42 USC 4321 National Environmental Policy Act
42 USC 7401 Clean Air Act
49 USC 44718 Structures Interfering with Air Commerce or National Security
49 USC 46301 Civil Penalties

U.S. DEFENSE INTELLIGENCE AGENCY (DIA)


U.S. DEFENSE LOGISTICS AGENCY (DLA)


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DLA J4 Handbook  
(Part IV) Federal Supply Class Assignments (Numeric and Alphabetic Listing) (http://www.dla.mil/)

DLA Lock  
DOD Lock Program; http://www.dscp.dla.mil/gi/locks/

U.S. DEPARTMENT OF AGRICULTURE (USDA)

AMS Seed Act  
(1940; R 1988; R 1998) Federal Seed Act

DOA SSIR 42  

FSRRA 9002  
Farm Security and Rural Investment Act Section 9002 (USDA BioPreferred Program)

REA Bull 1753F-205  
(1993) Filled Telephone Cables (PE-39)

RUS 202-1  

RUS 1755  
Telecommunications Standards and Specifications for Materials, Equipment and Construction

RUS Bull 345-50  
(1979) Trunk Carrier Systems (PE-60)

RUS Bull 345-65  
(1985) Shield Bonding Connectors (PE-65)

RUS Bull 345-67  

RUS Bull 345-72  
(1985) Filled Splice Closures (PE-74)

RUS Bull 345-83  
(1979; Rev Oct 1982) Gas Tube Surge Arrestors (PE-80)

RUS Bull 1728F-700  
(2011) Specification for Wood Poles, Stubs, and Anchor Logs

RUS Bull 1728H-701  

RUS Bull 1751F-630  
(1996) Design of Aerial Plant

RUS Bull 1751F-640  

RUS Bull 1751F-643  

RUS Bull 1751F-644  

RUS Bull 1751F-815  
(1979) Electrical Protection of Outside Plant

RUS Bull 1753F-201  
(1997) Acceptance Tests of Telecommunications Plant (PC-4)

RUS Bull 1753F-401  
(1995) Splicing Copper and Fiber Optic Cables (PC-2)
U.S. DEPARTMENT OF COMMERCE (DOC)

DOC CS 191
Commercial Standard for the Flammability of Clothing Textiles

DOC/NIST PS51
(1971) Hardwood and Decorative Plywood

DOC/NIST PS56
(1973) Structural Glued Laminated Timber

DOC/NIST PS58
(1973) Basic Hardboard (ANSI A135.4)

U.S. DEPARTMENT OF DEFENSE (DOD)

DOD 4000.25-1-M

DOD 5100.76-M
(2012; Change 1-2018; Change 2-2020) Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives

DOD 5220.22-M
(2006; Change 1-2013; Change 2-2016) National Industrial Security Program Operating Manual (NISPOM)

DOD 6055.09-M
(2010; Change 1-2012) DoD Ammunition and Explosives Safety Standards: General Explosives Safety Information and Requirements

DOD 8500.01
(2014; Change 1-2019) Cybersecurity

DOD 8510.01
(2022) Risk Management Framework (RMF) for DoD Systems

DOD-G-24508
(1977; Rev A; Am 4 1998) Grease, High Performance, Multipurpose (Metric)

DODI 4150.07
(2019) DOD Pest Management Program

DODI 8100.04
(2010) DOD Unified Capabilities (UC)

DODI 8500.01
(2014) Cybersecurity

DODI 8551.01
(2014) Ports, Protocols, and Services Management (PPSM)

DTM 08-060

FC 1-300-09N
(2014; with Change 4, 2018) Navy and Marine Corps Design

MIL-A-3316
(1987; Rev C; Am 2 1990) Adhesives, Fire-Resistant, Thermal Insulation
MIL-A-8625 (1993; Rev F; Am 1 2003) Anodic Coatings, for Aluminum and Aluminum Alloys


MIL-A-25896 (1983; Rev E; Notice 1 1989; Notice 3 2003) Adapter, Pressure Fuel Servicing, Nominal 2.5 inch diameter

MIL-B-18897 (Rev F; CANC Notice 1) Boilers, Steam and Hot Water, Watertube (Straight Bare and Finned Tube), Cast Iron and Firebox, Packaged Type (40,000 to 35,000,000 BTU/HR Thermal Output Capacity)

MIL-C-882 (1989; Rev E) Cloth, Duck, Cotton or Cotton-Polyester Blend, Synthetic Rubber, Impregnated, and Laminated, Oil Resistant

MIL-C-15726 (1988; Rev F; Am 1 1991; Notice 1 2020) Copper-Nickel Alloy, Sheet, Plate, Strip, Bar, Rod, and Wire

MIL-C-18480 (1982; Rev B; Notice 2 2009; Notice 3 2022) Coating Compound, Bituminous, Solvent, Coal-Tar Base

MIL-C-24368/1 (2021; Rev C) Connector Assemblies; Plug, Power Transfer, Shore to Ship and Ship to Ship, 500 Volts, 500 Amperes, 60 Hertz, Symbol Number 1160

MIL-C-24368/2 (2021; Rev B) Connector Assemblies; Receptacle, and Receptacle-Cabled, Power Transfer, Shore to Ship and Ship to Ship, 500 Volts, 500 Amperes, 60 Hertz, Symbol Number 1161

MIL-C-83260 (1972; Rev A; Notice 1 1996) Coupler, Hydrant Valve GRU-16/e

MIL-D-16791 (1990; Rev G, Am 1 1993; Notice 1 2020) Detergents, General Purpose (Liquid, Non-Ionic)

MIL-DTL-5541 (2006; Rev F) Chemical Conversion Coatings on Aluminum and Aluminum Alloys


MIL-DTL-12276 (2006; Rev E; Notice 1 2011; Notice 2 2016; Notice 3 2021) Varnish, Phenolic, Baking

MIL-DTL-15021 (2014; Rev B) Hook, Snap Bolt, Swivel-Eye, and Rings
MIL-DTL-15024 (2018; Rev G) Plates and Tags for Identification of Equipment, General Specification for

MIL-DTL-16884 (2017; Rev F) Fuel, Naval Distillate


MIL-DTL-18436 (2017; Rev G) Valves, Check, Bronze, Cast Iron, and Steel Body


MIL-DTL-24441/19 (2009; Rev C) Paint, Epoxy-Polyamide, Zinc Primer, Formula 159, Type III

MIL-DTL-24441/20 (2009; Rev B; Notice 1 2021) Paint, Epoxy-Polyamide, Green Primer, Formula 150, Type III

MIL-DTL-24441/22 (2009; Rev B; Notice 1 2021) Paint, Epoxy-Polyamide, White Formula 152, Type III

MIL-DTL-24441/29 (2009; Rev B; Notice 1 2021) Paint, Epoxy-Polyamide, Green Primer, Formula 150, Type IV

MIL-DTL-24441/31 (2009; Rev B; Notice 1 2021) Paint, Epoxy-Polyamide, White, Formula 152, Type IV

MIL-DTL-24643/3 (2009; Rev E) Cable, Electrical, -20 Degrees C to +90 Degrees, 600 Volts, Types LSSHOF, LSDHOF, LSTHOF, and LSFHOF

MIL-DTL-24788 (2017; Rev B) Coupling Assembly, Semi-Dry-Break, Quick-Disconnect Fuel With or Without Continuity Switch


MIL-DTL-29229 (Rev B, Notice 1) Switches and Frogs, Track, Fabricated, for Portal Cranes


MIL-DTL-43607 (2015; Rev J; Notice 1) Padlock, Key Operated, High Security, Shrouded Shackle

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MIL-DTL-83133  (2015; Rev J) Turbine Fuels, Aviation, Kerosene Type, JP-8 (NATO F-34), NATO F-35 and JP-8 + 100 (NATO F-37)


MIL-DTL-83413/7  (2018; Rev F; AMD 1 2018) Connectors and Assemblies, Electrical, Aircraft Grounding: Clamp Connector for Types I and III Grounding Assemblies, Clip, Electrical

MIL-E-17814  (1992; Rev F; CANC Notice 1) Expansion Joints, Pipe, Slip-Type, Packed

MIL-F-18280  (1995; Rev F; Supp 1; CANC Notice 1) Fittings, Flareless Tube, Fluid Connection


MIL-HDBK-831  (2013; Rev A; Notice 1 2018) Preparation of Test Reports

MIL-I-631  (1961; Rev D; Am 6 1987; Notice 1 2021) Insulation, Electrical, Synthetic-Resin Composition, Nonrigid


MIL-I-24092  (1993; Rev D; Supp 1993; Notice 1 2021) Insulating Varnishes and Solventless Resins for Applications by the Dip Process


MIL-L-26764  (2018; Rev C) Light, Marker, Airport Approach, High Intensity, Type MB-2

MIL-L-29575  (1989) Light, Wave-Off, Flashing,
Capacitance-Discharge

MIL-P-21035 (1991; Rev B; Notice 2 2003; Notice 3 2021) Paint, High Zinc Dust Content, Galvanizing Repair (Metric)


MIL-PRF-680 (2010; Rev C; Notice 1 2015) Degreasing Solvent

MIL-PRF-907 (2020; Rev H) Antiseize Thread Compound, High Temperature

MIL-PRF-4556 (1998; Rev F; Am 1 1999; CANC Notice 1 2011) Coating Kit, Epoxy, for Interior of Steel Fuel Tanks

MIL-PRF-13789 (1999; Rev E; Notice 1 2008; Notice 2 1016; Notice 3 2021) Strainers, Sediment: Pipeline, Basket Type


MIL-PRF-17331 (2019; Rev L) Lubricating Oil, Steam Turbine and Gear, Moderate Service

MIL-PRF-19565 (1988; Rev C) Coating Compounds, Thermal Insulation, Fire- and Water-Resistant, Vapor-Barrier


MIL-PRF-23236 (2009; Rev D) Coating Systems for Ship Structures

MIL-PRF-23377 (2012; Rev K) Primer Coatings: Epoxy, High Solids

MIL-PRF-24385 (1992; Rev F; Am 1 1994; Am2 2017; Am3 2019; Am4 2020) Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater


MIL-PRF-32016 (2002; Rev A) Cell, Gas Phase, Adsorber

MIL-PRF-85285 (2022; Rev F) Topcoat, Aircraft and Support Equipment

MIL-R-5001 (1992, Rev B) Rubber Cellular Sheet, Molded And Hand-Built Shapes; Latex Foam
MIL-R-24243  (1994; Rev C, Notice 1 2020) Rivets, Blind, Nonstructural, Retained Mandrel, Open End, Domed Head, Aluminum Alloy, Carbon Steel, Corrosion Resistant Steel

MIL-R-43900  (1985; Rev B; Notice 1; CANC Notice 2) Refrigerators, Freezers, Prefabricated, Mechanical, Commercial, Walk-In


MIL-STD-129  (2014; Rev R; Change 1 2018; Change 2 2019) Military Marking for Shipment and Storage

MIL-STD-130  (2007; Rev N; Change 1 2012) Identification Marking of U.S. Military Property


MIL-STD-188-176  (1996; Notice 1) Standardized Profile for Asynchronous Transfer Mode (ATM)


MIL-STD-461  (2015; Rev G) Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment

MIL-STD-704  (2016; Rev F; Change 1; Notice 3 2021) Aircraft Electric Power Characteristics

MIL-STD-810  (2022; Rev H; Change 1) Environmental Engineering Considerations and Laboratory Tests
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<td>MIL-T-16420</td>
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<td>(2019; Rev C) Thinner, Aircraft Coating</td>
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<td>(1969; Rev C; Am 2; CANC Notice 3) Varnish, Moisture and Fungus Resistant (For Treatment of Communications, Electronic, and Associated Equipment)</td>
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<td>MIL-V-12003</td>
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<td>SDSFIE Standards</td>
<td>Spatial Data Standards for Facilities, Infrastructure, and Environment</td>
</tr>
<tr>
<td>TSPWG M 3-250-04.97-05</td>
<td>(2019) Proportioning Concrete Mixtures with Graded Aggregates for Rigid Airfield Pavements</td>
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<td>UFC 1-200-01</td>
<td>(2019; with Change 1, 2020) DoD Building Code</td>
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<td>UFC 1-200-02</td>
<td>(2020; with Change 1, 2020; Change 2, 2022) High Performance and Sustainable Building Requirements</td>
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<td>UFC 1-300-02</td>
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</table>
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UFC 1-300-08 (2009; with Change 2, 2011) Criteria for Transfer and Acceptance of DoD Real Property

UFC 3-101-01 (2020; with Change 1, 2021) Architecture

UFC 3-210-10 (2015; with Change 3, 2020) Low Impact Development

UFC 3-220-01 (2012; with Change 1, 2021) Geotechnical Engineering

UFC 3-240-01 (2020; with Change 2, 2021) Wastewater Collection and Treatment

UFC 3-301-01 (2019, with Change 1, 2022) Structural Engineering

UFC 3-301-02 (2020) Design of Risk Category V Structures, National Strategic Military Assets

UFC 3-340-02 (2008; with Change 2, 2014) Structures to Resist the Effects of Accidental Explosions

UFC 3-410-02 (2018; with Change 2, 2021) Direct Digital Control for HVAC and Other Building Control Systems

UFC 3-430-08N (2004) Central Heating Plants

UFC 3-460-03 (2017; with Change 1, 2021) Petroleum Fuel Systems Maintenance

UFC 3-501-01 (2015; with Change 1, 2019) Electrical Engineering


UFC 3-560-01 (2017; with Change 2, 2019) Operations and Maintenance: Electrical Safety

UFC 3-600-01 (2016; with Change 6, 2021) Fire Protection Engineering for Facilities


UFC 4-010-01 (2018; with Change 1, 2020; Change 2, 2022) DoD Minimum Antiterrorism Standards for Buildings

UFC 4-010-06 (2016; with Change 1, 2017) Cybersecurity of Facility-Related Control Systems

UFC 4-023-03 (2009; with Change 3, 2016) Design of Buildings to Resist Progressive Collapse

UFC 4-510-01 (2019; with Change 2, 2019) Design: Military Medical Facilities

U.S. DEPARTMENT OF ENERGY (DOE)


U.S. DEPARTMENT OF ENERGY FEDERAL ENERGY MANAGEMENT PROGRAM (FEMP)


U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)


HUD 6780 (1995; Errata Aug 1996; Rev Ch. 7 - 1997) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

U.S. DEPARTMENT OF STATE (SD)

SD Std-01.01 (1993 Rev G Amended; Inx Certified Prod/Mfg) Certification Standard Forced Entry and Ballistic Resistance of Structural Systems

U.S. DEPARTMENT OF THE NAVY (DON)


U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT 4500.9R Defense Transportation Regulation, Part 2, Cargo Movement, Chapter 204, Hazardous Material

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)


EPA 402-C-01-001 (2001) IAQ Building Education and Assessment Tool (I-BEAM)


EPA 402-R-93-078 (1993; R 1994) Radon Mitigation Standards
<table>
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<td>EPA 530-R-97-007</td>
<td>(1997) Best Management Practices (BMPs) for Soils Treatment Technologies; Suggested Operational Guidelines to Prevent Cross-Media Transfer of Contaminants During Cleanup Activities</td>
</tr>
<tr>
<td>EPA 530/F-93/004</td>
<td>(1993; Rev O; Updates I, II, IIA, IIB, and III) Test Methods for Evaluating Solid Waste (Vol IA, IB, IC, and II) (SW-846)</td>
</tr>
<tr>
<td>EPA 560/5-86-017</td>
<td>(1986) Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanup</td>
</tr>
<tr>
<td>EPA 600-4-90/027F</td>
<td>(1993) Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms</td>
</tr>
<tr>
<td>EPA 625-R-92-016</td>
<td>(1993; Am 1994) Radon Prevention in Design and Construction of Schools and Other Large Buildings</td>
</tr>
<tr>
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<tr>
<td>EPA 800-R-11-002</td>
<td>(2011) Environmentally Acceptable Lubricants</td>
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<td>EPA SESDPROC-105-R2</td>
<td>(2013) Groundwater Level and Well Depth Measurement</td>
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<td>(2004) Enzyme Substrate Coliform Test</td>
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FAA AC 150/5345-28 (2005; Rev F) Precision Approach Path Indicator (PAPI) Systems

FAA AC 150/5345-42 (2019; Rev J) Specification for Airport Light Bases, Transformer Housings, Junction Boxes and Accessories

FAA AC 150/5345-43 (2019; Rev J) Specification for Obstruction Lighting Equipment

FAA AC 150/5345-44 (2015; Rev K; Errata 2022) Specification for Runway and Taxiway Signs

FAA AC 150/5345-45 (2007; Rev C) Low-Impact Resistant (LIR) Structures

FAA AC 150/5345-46 (2016; Rev E) Specification for Runway and Taxiway Light Fixtures


FAA AC 150/5345-51 (2005; Rev A) Specification for Discharge-Type Flashing Light Equipment

FAA AC 150/5345-53 (2012; Rev D) Airport Lighting Equipment Certification Program

FAA AC 150/5345-56B (2011; Rev B) Specification for L-890 Airport Lighting Control and Monitoring System (ALCMS)

FAA AC 150/5370-10 (2018; Rev H; Errata 1 2019) Standard Specifications for Construction of Airports

FAA E-982 (2003; Rev J) PAR-56 Lampholder

FAA E-2159 (2004; Rev E) Runway End Identifier Lighting System (REIL)

FAA E-2519 (1972; Rev A) Types I and II

FAA E-2628 (1979; Rev B) Sequenced Flashing Lighting System, Elevated and Semiflush with Dimming and Monitoring

FAA E-2690 (2000; Rev A) Isolation Transformer (1500 watt) for High Intensity Approach Lighting Systems

FAA E-2702 (2007; Rev A) Low Impact Resistant (LIR) Structures

FAA FO 6850.19 (1978) Frangible Coupling

U.S. FEDERAL COMMUNICATIONS COMMISSION (FCC)
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CID A-A-50555 (Basic) Pumping Units, Sewage, Duplex, Centrifugal, Automatic Wet-Pit Type
CID A-A-50558 (Basic; Notice 1) Valves, Pressure Regulating, Steam
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CID A-A-59222 (Basic; Notice 1; CANC Notice 1 2021) Fans, Centrifugal, Draft, Forced and Induced

CID A-A-59223 (Basic; Notice 1) Cooling Towers, Liquid

CID A-A-59224 (Basic; Notice 2) Meters, Fluid Quantity Volumetric

CID A-A-59249 (Basic; Notice 1; Notice 2) Filters, Fluid, Pressure, Feedwater

CID A-A-59326 (Rev D) General Specification For Coupling Halves, Quick-Disconnect, Cam-Locking Type

CID A-A-59502 (Basic; Notice 1) Plastic Sheet, Polycarbonate

CID A-A-59617 (Basic, Notice 1) Unions, Brass or Bronze, Threaded Pipe Connections and Solder-Joint Tube Connections

CID A-A-60001 (Rev A) Traps, Steam

CID A-A-60003 (Basic; Notice 1) Partitions, Toilet, Complete

CID A-A-60005 (Basic; Notice 2) Frames, Covers, Gratings, Steps, Sump And Catch Basin, Manhole

FED-STD-228 (2014; Rev A; Notice 1) Test Methods for Cable and Wire, Insulated


FED-STD-595 (Rev C; Notice 1) Colors Used in Government Procurement
FS AA-D-600  Door, Vault, Security
FS AA-L-00486  Lockers, Clothing, Steel
FS CCC-W-408  Wallcovering, Vinyl Coated
FS F-B-2902  Boilers, Steam Watertube (Bent Tube, Multi-Drum and Cross Drum) Packaged Type (10,000,000 to 125,000,000 BTU/HR Thermal Output Capacity)
FS F-B-2903  Boilers, Steam and or Water, Firetube, Scotch Packaged Type (320,001 to 35,000,000 BTU/HR Thermal Output Capacity)
FS F-B-2910  Burners, Single Oil, Gas, and Gas-Oil Combination for Packaged Boilers (320,001 to 125,000,000 BTU/HR Thermal Output Capacity)
FS F-F-351  Filters and Filter Elements, Fluid Pressure: Lubricating Oil, Bypass and Full Flow
FS F-F-2901  Feeders, Boiler Water Treatment, By-Pass and Compound Receiver Types
FS F-P-2908  Pumping Units, Condensate, Return; and Boiler Feed Package
FS F-T-2907  Tanks, Portable Hot Water Storage
FS F-V-2906  Valves, Air Venting, Steam
FS FF-S-325  Shield, Expansion; Nail, Expansion; and Nail, Drive Screw (Devices, Anchoring, Masonry)
FS L-S-125  Screening, Insect, Nonmetallic
FS MMM-A-001993  Adhesive, Epoxy, Flexible, Filled (For Binding, Sealing, and Grouting)
FS O-D-1276  Disinfectant-Detergent, General Purpose (Pine Oil)
FS QQ-B-654  Brazing Alloys, Silver
FS RR-C-271  Chains and Attachments, Carbon And Alloy Steel
FS RR-F-191/1  Fencing, Wire and Post, Metal (Chain-Link Fence Fabric)
FS RR-F-191/2  Fencing, Wire and Post, Metal (Chain-Link Fence Gates)
FS RR-F-191/3  Fencing, Wire and Post, Metal (Chain-Link Fence Posts, Top Rails and Braces)
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FS RR-W-410 (2022; Rev J) Wire Rope and Strand

FS S-R-2834 (Basic; Notice 1; CANC Notice 1) Radiators: Heating, Steel, Multifin Type

FS S-U-2833 (Basic; Notice 1) Unit Heater, Air-Circulating, Steam - Hot Water

FS SS-S-200 (Rev E; Notice 1; Notice 2) Sealant, Joint, Two-Component, Jet-Blast-Resistant, Cold-Applied, for Portland Cement Concrete Pavement

FS TT-B-1325 (Rev D; Notice 1; Notice 2 2017) Beads (Glass Spheres) Retro-Reflective (Metric)

FS TT-C-490 (Rev H; 2021) Chemical Conversion Coatings and Pretreatments for Metallic Substrates (Base for Organic Coatings)

FS TT-P-28 (Rev H) Paint, Aluminum, Heat Resisting (1200 Degrees F.)

FS TT-P-38 (Rev E; Notice 1) Paint, Aluminum, Ready-Mixed

FS TT-P-645 (Rev C; Notice 1) Primer, Paint, Zinc-Molybdate, Alkyd Type

FS TT-P-1952 (2015; Rev F; Notice 1) Paint, Traffic and Airfield Markings, Waterborne

FS TT-S-001543 (Rev B; Notice 1) Sealing Compound: Silicone Rubber Base (For Calking, Sealing, and Glazing in Buildings and Other Structures)

FS UU-B-790 (Rev A; Notice 2) Building Paper Vegetable Fiber: (Kraft, Waterproofed, Water Repellent and Fire Resistant)

FS W-C-375 (Rev E; Supp 1; Am 1; Am 2) Circuit Breakers, Molded Case, Branch Circuit and Service

FS W-H-2904 (Basic; Notice 1) Heaters, Fluid, Deaerating (For Water Only) 1,000 to 1,600,000 Pounds Per Hour Capacity

FS WW-H-191 (Rev E; Notice 2) Heater, Fluid, Industrial (Instantaneous, Steam, Water Converter Type)

FS WW-P-421 (Rev D; Notice 1) Pipe, Cast, Gray and Ductile Iron, Pressure (For Water and Other Liquids)

FS WW-P-541 (Rev E; Am 1; Notice 1; Notice 2) Plumbing Fixtures

FS WW-S-2739 (Basic; Notice 1; Notice 2) Strainers, Sediment:
Pipeline, Water, Air, Gas, Oil, or Steam

FS XX-C-2816  (Rev A) Compressor, Air, Reciprocating or Rotary, Electric Motor Driven, Stationary, 10 HP and Larger

GSA HTPP 07656-01  Installing Lead Stone Flashing to Protect Masonry Joints


U.S. GREEN BUILDING COUNCIL (USGBC)


LEED v4 BD+C  LEED v4 Building Design and Construction

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

10 CFR 20  Standards for Protection Against Radiation

10 CFR 430  Energy Conservation Program for Consumer Products

10 CFR 431  Energy Efficiency Program for Certain Commercial and Industrial Equipment

10 CFR 433.300 Subpart C - Green Building Certification for Federal Buildings

14 CFR 77  Safe, Efficient Use, and Preservation of the Navigable Airspace

15 CFR 772  Definition of Terms

15 CFR 773  Special Licensing Procedures

16 CFR 1201  Safety Standard for Architectural Glazing Materials

16 CFR 1209  Interim Safety Standard for Cellulose Insulation

16 CFR 1404.4 Requirements to Provide Performance and Technical Data by Labeling - Notice to Purchasers

16 CFR 1610  Standard for the Flammability of Clothing Textiles

16 CFR 1630  Standard for the Surface Flammability of Carpets and Rugs (FF 1-70)

16 CFR 1632  Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72 Amended)
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30 CFR 1  Mine Safety and Health Administration; Establishment and Use of Official Emblem
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36 CFR 1191  Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines
40 CFR 50  National Primary and Secondary Ambient Air Quality Standards
40 CFR 50.6  National Primary and Secondary Ambient Air Quality Standards for PM10
40 CFR 50.12  National Primary and Secondary Ambient Air Quality Standards for Lead
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40 CFR 60 Standards of Performance for New Stationary Sources
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40 CFR 141.74 (2019) National Primary Drinking Water Regulations
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40 CFR 143 National Secondary Drinking Water Regulations
40 CFR 247 Comprehensive Procurement Guideline for Products Containing Recovered Materials
40 CFR 260 Hazardous Waste Management System: General
40 CFR 261 Identification and Listing of Hazardous Waste
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40 CFR 264 Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 265 Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 266 Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities
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49 CFR 192.105 Design Formula for Steel Pipe
49 CFR 192.197 Control of the Pressure of Gas Delivered from High-Pressure Distribution Systems
49 CFR 195 Transportation of Hazardous Liquids by Pipeline
CPL 02-01-056 (2014) Inspection Procedures for Accessing Communication Towers by Hoist

U.S. NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

NAVFAC MO 225 (1990) Industrial Water Treatment
NAVFAC MO 324 (1992) Inspection and Certification of Boilers and Unfired Pressure Vessels
NAVFAC P-502 (2017) Asbestos Program Management
ND OPNAVINST 5100.23 (2005; Rev G) Navy Occupational Safety and Health (NAVOSH) Program Manual

U.S. NAVAL SEA SYSTEMS COMMAND (NAVSEA)

NAVSEA T9074-AS-GIB-010/ (2014; Revision 1) Requirements for Nondestructive Testing Methods
QPL-19140 (2018) Lumber and Plywood, Fire-Retardant Treated

UL ENVIRONMENT (ULE)

ULE Greenguard UL Greenguard Certification Program
UNDERWRITERS LABORATORIES (UL)

UL 1  (2005; Reprint Jan 2020) UL Standard for Safety Flexible Metal Conduit

UL 4  (2004; Reprint Mar 2021) UL Standard for Safety Armored Cable

UL 5  (2016; Reprint Jul 2022) UL Standard for Safety Surface Metal Raceways and Fittings

UL 5A (2015; Reprint Aug 2020) Nonmetallic Surface Raceways and Fittings

UL 6  (2007; Reprint Sep 2019) UL Standard for Safety Electrical Rigid Metal Conduit-Steel

UL 6A (2008; Reprint Mar 2021) UL Standard for Safety Electrical Rigid Metal Conduit - Aluminum, Red Brass, and Stainless Steel

UL 8  (2016; Reprint Dec 2020) UL Standard for Safety Water Based Agent Fire Extinguishers


UL 10A (2009; Reprint Mar 2022) UL Standard for Safety Tin-Clad Fire Doors

UL 10B (2008; Reprint May 2020) Fire Tests of Door Assemblies


UL 19 (2013) Lined Fire Hose and Hose Assemblies

UL 20 (2018; Reprint Jan 2021) UL Standard for Safety General-Use Snap Switches

UL 33 (2010; Reprint Apr 2020) Heat Responsive Links for Fire-Protection Service


UL 44 (2018; Reprint May 2021) UL Standard for Safety Thermoset-Insulated Wires and Cables

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UL 50  (2015) UL Standard for Safety Enclosures for Electrical Equipment, Non-Environmental Considerations


UL 67  (2018; Reprint Jul 2020) UL Standard for Safety Panelboards

UL 80  (2007; Reprint Jan 2014) Standard for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids

UL 83  (2017; Reprint Mar 2020) UL Standard for Safety Thermoplastic-Insulated Wires and Cables


UL 87A  (2015; Reprint Jan 2020) UL Standard for Safety Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 – E85)

UL 94  (2013; Reprint Apr 2022) UL Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

UL 96  (2016) UL Standard for Safety Lightning Protection Components

UL 98  (2016) UL Standard for Safety Enclosed and Dead-Front Switches

UL 125  (2020) UL Standard for Safety Flow Control Valves for Anhydrous Ammonia and LP-Gas

UL 132  (2015; Reprint Jan 2018) UL Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas

UL 140  (2006; Reprint Aug 2012) Relocking Devices for Safes and Vaults

UL 142  (2006; Reprint Jan 2021) UL Standard for Safety Steel Aboveground Tanks for Flammable and Combustible Liquids

UL 144  (2012; Reprint Nov 2014) UL Standard for Safety LP-Gas Regulators

UL 154  (2005; Reprint May 2021) UL Standard for Safety Carbon-Dioxide Fire Extinguishers

Resistance of Vault and File Room Doors


UL 181  (2013; Reprint Dec 2021) UL Standard for Safety Factory-Made Air Ducts and Air Connectors


UL 181B (2013; Reprint Dec 2021) UL Standard for Safety Closure Systems for Use with Flexible Air Ducts and Air Connectors


UL 197  (2010; Reprint Jul 2020) UL Standard for Safety Commercial Electric Cooking Appliances


UL 199  (2020) UL Standard for Safety Automatic Sprinklers for Fire-Protection Service

UL 207  (2022) UL Standard for Safety Refrigerant-Containing Components and Accessories, Nonelectrical

UL 209  (2011; Reprint Aug 2020) UL Standard for Safety Cellular Metal Floor Raceways and Fittings

UL 214  (1997; Rev thru Aug 2001) Tests for Flame-Propagation of Fabrics and Films

UL 228  (2006; Reprint Mar 2022) UL Standard for Safety Door Closers-Holders, With or Without Integral Smoke Detectors

UL 231  (2016; Reprint Mar 2022) UL Standard for Safety Power Outlets

UL 246  (2011; Reprint Jul 2020) UL Standard for Safety Hydrants for Fire-Protection Service


UL 248-4 (2010; Reprint Apr 2019) Low-Voltage Fuses - Part 4: Class CC Fuses

UL 248-8 (2011; Reprint Aug 2020) Low-Voltage Fuses - Part 8: Class J Fuses
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UL 427 (2011; Reprint Jun 2020) UL Standard for Safety Refrigerating Units

UL 429 (2013; Reprint Mar 2021) Electrically Operated Valves

UL 430 (2015; Reprint Sep 2021) UL Standard for Safety Waste Disposers

UL 437 (2013; Reprint Oct 2017) UL Standard for Safety Key Locks

UL 441 (2016; Reprint Jul 2016) UL Standard for Safety Gas Vents

UL 444 (2017; Reprint Jun 2021) UL Standard for Safety Communications Cables

UL 448 (2020) UL Standard for Safety Centrifugal Stationary Pumps for Fire-Protection Service


UL 467 (2022) UL Standard for Safety Grounding and Bonding Equipment

UL 471 (2010; Reprint Sep 2019) UL Standard for Safety Commercial Refrigerators and Freezers

UL 484 (2014; Reprint Jun 2022) UL Standard for Room Air Conditioners

UL 486A-486B (2018; Reprint May 2021) UL Standard for Safety Wire Connectors

UL 486C (2018; Reprint May 2021) UL Standard for Safety Splicing Wire Connectors


UL 497 (2001; Reprint Jul 2022) UL Standard for Safety Protectors for Paired Conductor Communication Circuits


UL 497B (2004; Reprint Feb 2022) UL Standard for Safety Protectors for Data Communications and Fire Alarm Circuits
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<td>UL 555</td>
<td>(2006; Reprint Aug 2016) UL Standard for Safety Fire Dampers</td>
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UL 626  (2005; Reprint May 2021) 2-1/2 Gallon Stored-Pressure, Water-Type Fire Extinguishers


UL 636  (2018) UL Standard for Safety Holdup Alarm Units and Systems

UL 639  (2007; Reprint Nov 2019) Standard for Intrusion Detection Units

UL 641  (2010; Reprint Apr 2018) UL Standard for Safety Type L Low-Temperature Venting Systems

UL 651  (2011; Reprint May 2022) UL Standard for Safety Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings

UL 651A  (2011; Reprint Mar 2017) UL Standard for Safety Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit

UL 668  (2004; Reprint Oct 2021) UL Standard for Safety Hose Valves for Fire-Protection Service

UL 674  (2022) UL Standard for Safety Electric Motors and Generators for Use in Hazardous (Classified) Locations

UL 681  (2014; Reprint Jan 2021) UL Standard for Safety Installation and Classification of Burglar and Holdup Alarm Systems


UL 705  (2017; Reprint Aug 2022) UL Standard for Safety Power Ventilators

UL 710  (2012; Reprint Feb 2021) UL Standard for Safety Exhaust Hoods for Commercial Cooking Equipment

UL 719  (2015; Reprint Mar 2022) UL Standard for Safety Nonmetallic-Sheathed Cables


UL 726  (1995; Reprint Oct 2013) Oil-Fired Boiler Assemblies

UL 727  (2018) UL Standard for Safety Oil-Fired Central Furnaces

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| UL 749       | (2018) UL Standard for Safety Household Dishwashers |
| UL 752       | (2005; Reprint Jan 2021) UL Standard for Safety Bullet-Resisting Equipment |
| UL 768       | (2006; Reprint Jul 2013) Standard for Combination Locks |
| UL 773       | (2016; Reprint Jul 2020) UL Standard for Safety Plug-In, Locking Type Photocontrols for Use with Area Lighting |
| UL 773A      | (2016; Reprint Jun 2020) UL Standard for Safety Nonindustrial Photoelectric Switches for Lighting Control |
| UL 778       | (2016; Reprint Jun 2021) UL Standard for Safety Motor-Operated Water Pumps |
| UL 789       | (2004; Reprint May 2017) UL Standard for Safety Indicator Posts for Fire-Protection Service |
| UL 790       | (2022) UL Standard for Safety Test Methods for Fire Tests of Roof Coverings |
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UL 827  (2014; Reprint Sep 2021) UL Standard for Safety
Central-Station Alarm Services

UL 842  (2015; Reprint Oct 2017) UL Standard for Safety
Valves for Flammable Fluids

UL 844  (2012; Reprint Oct 2021) UL Standard for Safety
Luminaires for Use in Hazardous (Classified) Locations

UL 845  (2021) UL Standard for Safety Motor Control Centers

UL 854  (2020) Standard for Service-Entrance Cables

UL 857  (2009; Reprint Apr 2021) UL Standard for Safety
Busways

UL 858  (2014; Reprint Apr 2022) UL Standard for Safety
Household Electric Ranges

UL 860  (2014) Pipe Unions for Flammable and Combustible
Fluids and Fire-Protection Service

UL 864  (2014; Reprint May 2020) UL Standard for Safety
Control Units and Accessories for Fire Alarm Systems

UL 869A (2006; Reprint Jun 2020) Reference Standard for
Service Equipment

UL 870  (2016; Reprint Mar 2019) UL Standard for Safety
Wireways, Auxiliary Gutters, and Associated Fittings

UL 873  (2007; Reprint Feb 2015) Standard for
Temperature-Indicating and -Regulating Equipment

UL 891  (2019) UL Standard for Safety Switchboards

UL 900  (2015; Reprint Aug 2022) UL Standard for Safety
Standard for Air Filter Units

UL 913  (2013; Reprint May 2022) UL Standard for Safety
Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

UL 916  (2015; Reprint Oct 2021) UL Standard for Safety
Energy Management Equipment

UL 917  (2006; Reprint Aug 2013) UL Standard for Safety
Clock-Operated Switches

UL 921  (2020) UL Standard for Safety Commercial Dishwashers

UL 923  (2013; Reprint Aug 2020) UL Standard for Safety
Microwave Cooking Appliances

UL 924  (2016; Reprint May 2020) UL Standard for Safety
Emergency Lighting and Power Equipment


UL 969  (2017; Reprint Mar 2018) UL Standard for Safety Marking and Labeling Systems


UL 972  (2006; Reprint Nov 2020) UL Standard for Safety Burglary Resisting Glazing Material Type

UL 984  (1996; Reprint Sep 2005) Hermetic Refrigerant Motor-Compressors

UL 1004-1 (2012; Reprint Nov 2020) UL Standard for Safety Rotating Electrical Machines - General Requirements

UL 1008  (2022) UL Standard for Safety Transfer Switch Equipment

UL 1012  (2010; Reprint Apr 2016; Rev Mar 2021) UL Standard for Safety Power Units Other than Class 2


UL 1029  (1994; Reprint Jul 2022) UL Standard for Safety High-Intensity-Discharge Lamp Ballasts

UL 1034  (2011; Reprint Jun 2020) Burglary-Resistant Electric Locking Mechanisms

UL 1037  (2016; Reprint Sep 2017) UL Standard for Safety Antitheft Alarms and Devices

UL 1042  (2009; Reprint Feb 2021) UL Standard for Safety Electric Baseboard Heating Equipment

UL 1059  (2019; Reprint Jul 2022) UL Standard for Safety Terminal Blocks

UL 1063  (2017; Reprint Jun 2022) UL Standard for Safety Machine-Tool Wires and Cables

UL 1066  (2022) UL Standard for Safety Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures

UL 1069  (2007; Reprint Feb 2022) UL Standard for Safety Hospital Signaling and Nurse Call Equipment

UL 1072  (2006; Reprint Apr 2020) Medium-Voltage Power Cables

UL 1076  (2018; Reprint Feb 2021) UL Standard for Safety Proprietary Burglar Alarm Units and Systems
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UL 1951  (2011; Reprint Jun 2020) UL Standard for Safety Electric Plumbing Accessories

UL 1971  (2002; Reprint Oct 2008) Signaling Devices for the Hearing Impaired


UL 1993  (2017) Self-Ballasted Lamps and Lamp Adapters


UL 1996  (2009; Reprint Aug 2022) UL Standard for Safety Electric Duct Heaters

UL 2017  (2008; Reprint Dec 2018) UL Standard for Safety General-Purpose Signaling Devices and Systems

UL 2021  (2015; Reprint Dec 2016) UL Standard for Safety Fixed and Location-Dedicated Electric Room Heaters

UL 2034  (2017; Reprint Apr 2022) UL Standard for Safety Single and Multiple Station Carbon Monoxide Alarms


UL 2085  (1997; Reprint Sep 2010) Protected Aboveground Tanks for Flammable and Combustible Liquids

UL 2127  (2017, Reprint Nov 2021) UL Standard for Safety Inert Gas Clean Agent Extinguishing System Units

UL 2129  (2017; Reprint Apr 2021) UL Standard for Safety Halocarbon Clean Agent Fire Extinguishers
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UL 60950 (2000; Reprint Oct 2007) Safety of Information Technology Equipment


UL Bld Mat Dir (updated continuously online) Building Materials Directory


UL MEAPD (2011) Mechanical Equipment and Associated Products Directory (online version is listed under Certifications at www.ul.com)


UL Subject 3703 (2011; Edition 2014) Outline of Investigation for Solar Trackers

UNDERWRITERS LABORATORIES OF CANADA (ULC)


UNI-BELL PVC PIPE ASSOCIATION (UBPPA)

UBPPA UNI-B-6 (1998) Recommended Practice for Low-Pressure Air
Testing of Installed Sewer Pipe

UBPPA UNI-PUB-08 (2016) Tapping Guide for PVC Pressure Pipe

VIBRATION ISOLATION AND SEISMIC CONTROL MANUFACTURERS ASSOCIATION (VISCMA)

VISCMA 412 (2014) Installing Seismic Restraints for Mechanical Equipment

WATER ENVIRONMENT FEDERATION (WEF)


WATER QUALITY ASSOCIATION (WQA)


WEST COAST LUMBER INSPECTION BUREAU (WCLIB)


WESTERN WOOD PRESERVERS INSTITUTE (WWPI)


WESTERN WOOD PRODUCTS ASSOCIATION (WWPA)

WWPA G-5 (2017) Western Lumber Grading Rules

WINDOW AND DOOR MANUFACTURERS ASSOCIATION (WDMA)

ANSI/WDMA I.S.1A (2013) Interior Architectural Wood Flush Doors


WDMA I.S.4 (2015A) Preservative Treatment for Millwork

WIRE ROPE TECHNICAL BOARD (WRTB)


WOOD MOULDING AND MILLWORK PRODUCERS ASSOCIATION (WMMPA)

WMMPA WM 6 (2007) Quality Industry Standards Booklet

WOODWORK INSTITUTE (WI)