

PART 542 – SPECIFICATIONS

SUBPART C- EXHIBIT

SMO542.40

List of Reference Specifications

This exhibit lists the number, current issue date, and title of all reference specifications that are to be maintained by the state office engineering staffs. These are the specifications currently referenced in NRCS Construction Specifications, National Handbook of Conservation Practices, and Section 19 of the National Engineering Handbook.

Specification titles appearing in upper case letters are those that will be maintained by the field engineering staff as designated by the state conservation engineer. **The ASTM Specifications in the field are mostly out of date.** These books will be updated as funds permit. The list of Reference Specifications sent out by NEM Amendment 21 dated April 1995 pages 542-5 through 542-13 shall be discarded.

ASTM's "A series"

Standard Specification or Test Method for:

A6/A6M-97	General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling
A27/A27M-95	Steel Castings, Carbon, for General Application
A29/A29M-93a	Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements for
A31-95	Steel Rivets and Bars for Rivets, Pressure Vessels
A36/A36M-96	CARBON STRUCTURAL STEEL
A47-90 (95)	Ferritic Malleable Iron Castings
A48-94a	Gray Iron Castings
A53-97	PIPE, STEEL, BLACK AND HOT-DIPPED, ZINC-COATED, WELDED AND SEAMLESS
A82-97	Steel Wire, Plain, for Concrete Reinforcement
A90/A90M-95a	Test Method for Weight of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings
A108-95	Steel Bars, Carbon, Cold Finished, Standard Quality
A116-95	ZINC-COATED (GALVANIZED) STEEL WOVEN WIRE FENCE FABRIC
A120-84	DISCONTINUED - REPLACED BY A53
A121-92a	ZINC COATED (GALVANIZED) STEEL BARBED WIRE
A123/A123M-97a	Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
A126-95	Gray Iron Castings for Valves, Flanges and Pipe Fittings
A134-96	PIPE, STEEL, ELECTRIC-FUSION (ARC)-WELDED (SIZES NPS 16 AND OVER)
A135-97	ELECTRIC-RESISTANT-WELDED STEEL PIPE
A139-96	ELECTRIC-FUSION (ARC)-WELDED STEEL PIPE (NPS 4 AND OVER)
A143-74 (94)	Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure

ASTM's for Area Office and Project Offices shown in capital letters.

	for Detecting Embrittlement
A148/A148M-93b	Steel Castings, High, Strength, for Structural Purposes
A153/A153M-95	ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE
A165	DISCONTINUED - REPLACED BY B766
A167-96	Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip
A181/A181M-95b	Carbon Steel Forgings for General-Purpose Piping
A184/A184M-96	FABRICATED DEFORMED STEEL BAR MATS FOR CONCRETE REINFORCEMENT
A185-97	STEEL WELDED WIRE FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT
A197-87 (92)	Cupola Malleable Iron
A211-75	DISCONTINUED
A216/A216M-93	Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service
A227/A227M-93	Steel Wire, Cold-Drawn for Mechanical Springs
A234/A234M-97	Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and Elevated Temperatures
A242/A242M-93a	High-Strength Low-Alloy Structural Steel
A276-97	Stainless Steel Bars and Shapes
A283/A283M-93a	Low and Intermediate Tensile Strength Carbon Steel Plates
A307-94	Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength
A325-97	Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
A328/A328M-93a (96)	Steel Sheet Piling
A384-76 (96)	Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies
A385-80 (96)	Providing High-Quality Zinc Coatings (Hot-Dip)
A390-95	Zinc-coated (Galvanized) Steel Poultry Fence Fabric
A392-96	ZINC-COATED CHAIN-LINK FENCE FABRIC
A436-84(97)	Austenitic Gray Iron Castings
A444/A444M-89	DISCONTINUED – Replaced by A929/A929
A446/A446M-93	DISCONTINUED – Replaced by A653/653M and A924/A924M
A449-93	Quenched and Tempered Steel Bolts and Studs
A494/A494M-94	Castings, Nickel and Nickel Alloy
A496-97	STEEL WIRE, DEFORMED, FOR CONCRETE REINFORCEMENT
A497-97	STEEL WELDED WIRE FABRIC, DEFORMED, FOR CONCRETE REINFORCEMENT
A501-96	Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
MO 542-6 (2)	(210-V-NEM, Supplement MO-9, December, 1999)

ASTM's for Area Office and Project Offices shown in capital letters.

A502-93	Steel Structural Rivets
A525	DISCONTINUED - REPLACED BY A653/A653M and A924/A924M
A526/A526M-90	DISCONTINUED – REPLACED BY A A653/A653M and A924/A924M
A538	DISCONTINUED
A563-96	Carbon and Alloy Steel Nuts
A568/A568M-97	Steel, Sheet, Carbon, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for
A569/A569M-97	Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial Quality
A570/A570M-96	Steel, Sheet and Strip Carbon, Hot-Rolled, Structural Quality
A572/A572M-97	High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality
A575-96	Steel Bars, Carbon, Merchant Quality, M-Grades
A582/A582M-95b	Free-Machining Stainless Steel Bars
A 584-92	Aluminum-Coated Steel Woven Wire Fence Fabric
A588/A588M-97	High-Strength Low-Alloy Structural Steel with 50 ksi [345 MPa] Minimum Yield Point to 4 in. [100 mm] Thick
A589-96	SEAMLESS AND WELDED CARBON STEEL WATER-WELL PIPE
A611-97	Steel, Sheet, Carbon, Cold-Rolled, Structural Quality
A615/A615M-96a	DEFORMED AND PLAIN BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT
A616/A616M-96a	Rail-Steel Deformed and Plain Bars for Concrete Reinforcement
A617/A617M-96a	Axle-Steel Deformed and Plain Bars for Concrete Reinforcement
A641/A641M-97	Zinc-Coated (Galvanized) Carbon Steel Wire
A648-95	Steel Wire, Hard Drawn for Prestressing Concrete Pipe
A653/A653M-97	STEEL SHEET, ZINC COATED (GALVANIZED OR ZINC-IRON ALLOY-COATED) GALVANIZED BY THE HOT DIP PROCESS
A690/A690M-94	High-Strength Low-Alloy Steel H-Piles and Sheet Piling for Use in Marine Environments
A702-89 (94)	STEEL FENCE POSTS AND ASSEMBLIES HOT-WROUGHT
A711-92 (96)	Steel Forging Stock
A717/A717M-95	Test method for Surface Insulation Resistivity of Single Strip Specimens
A742/A742M-95	STEEL SHEET, METALLIC COATED AND POLYMER PRECOATED FOR CORRUGATED STEEL PIPE
A760/A760M-97	CORRUGATED STEEL PIPE, METALLIC-COATED FOR SEWERS AND DRAINS
A761/A761M-97	Corrugated steel structural plate, zinc coated for field bolted pipe, pipearches and arches

ASTM's for Area Office and Project Offices shown in capital letters.

A762/A762M-97	CORRUGATED STEEL PIPE, POLYMER PRECOATED FOR SEWERS AND DRAINS
A775/A775M-97	Epoxy-Coated Reinforcing Steel Bars
A780-93a	REPAIR OF DAMAGED AND UNCOATED AREAS OF HOT DIP GALVANIZED COATINGS
A792/A792M-97	STEEL SHEET, 55% ALUMINUM-ZINC ALLOY-COATED BY THE HOT DIP PROCESS
A796-97	Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications
A798/798-97	INSTALLING FACTORY-MADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS
A806/A806M	DISCONTINUED – Replaced by A929/A929M
A819-90	DISCONTINUED – Replaced by A929/A929M
A849-96	POST-APPLIED COATINGS, PAVINGS, AND LININGS FOR CORRUGATED STEEL SEWER AND DRAINAGE PIPE
A854/A854M-94	Metallic-coated steel smooth High-Tensile Fence and Trellis wire
A857/A857M-97	Steel Sheet Piling, Cold Formed, Light Gage
A858/A858M-96	Heat Treated Carbon Steel Fittings for Low Temperature and Corrosive Service
A865-96	Threaded Couplings, Steel, Black, or Zinc – Coated (Galvanized) welded or seamless, for use in steel Pipe Joints
A875/A875M-97	Steel sheet, Zinc – 5 Aluminum Alloy – Coated by the Hot-Dip Process
A885/A885M-96	STEEL SHEET, ZINC AND ARAMID FIBER COMPOSITE COATED FOR CORRUGATED STEEL SEWER, CULVERT, AND UNDERDRAIN PIPE
A924/A924M-97a	General requirements for steel sheet metallic-coated by the Hot-Dip process
A929/929M-96	SPECIFICATIONS FOR STEEL SHEET, METALLIC-COATED BY THE HOT-DIP PROCESS FOR CORRUGATED STEEL PIPE

**ASTM's
"B Series"**

Standard Specification or Test Method for:

B6-97	Zinc
B21-96	Naval Brass Rod, Bar, and Shapes
B43-96	Seamless Red Brass Pipe, Standard Sizes
B98/B98M-97	Copper-Silicon Alloy Rod, Bar, and Shapes
B103/B103M-93	Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar
B117-97	Practice for operating Salt Spray Apparatus
B127-93a	Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip
B138-96	Manganese Bronze Rod, Bar, and Shapes
B139-95	Phosphor Bronze Rod, Bar, and Shapes
B152-97a	Copper Sheet, Strip, Plate, and Rolled Bar
B164-93	Nickel-Copper Alloy Rod, Bar and Wire
B209-96	Aluminum and Aluminum-Alloy Sheet and Plate
B210-95	Aluminum and Aluminum-Alloy Drawn Seamless Tubes
B211-95a	Aluminum and Aluminum-Alloy Bar, Rod, and Wire
B221-96	Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes
B241/B241M-96	Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube
B248-96	General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar
B249-94a	General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings
B308/B308M-96	Aluminum-Alloy 6061-T6 Standard Structural Shapes
B313/B313M-95	Aluminum and Aluminum-Alloy Round Welded Tubes
B316/B316M-96	Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods
B418-95a	Cast and Wrought Galvanic Zinc Anodes
B429-95	Aluminum-Alloy Extruded Structural Pipe and Tube
B584-96	Copper Alloy Sand Castings for General Applications
B633-85 (94)	Electrodeposited Coatings of Zinc on Iron and Steel
B744/B744M-95	ALUMINUM-ALLOY SHEET FOR CORRUGATED ALUMINUM PIPE
B745/B745M-97	CORRUGATED ALUMINUM PIPE FOR SEWERS AND DRAINS
B746/B746M-95	Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe Arches and Arches.

ASTM's for Area Office and Project Offices shown in capital letters.

B766-86 (93) Electrodeposited Coatings of Cadmium

B790/B790M-97 Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits

**ASTM's
"C series"**

Standard Specification or Test Method for:

C4-97	Clay Drain Tile
C12-95	Installing Vitrified Clay Pipe Lines
C14-95	Concrete Sewer, Storm Drain, and Culvert Pipe
C25-96a	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime
C29/C29M-97	UNIT WEIGHT AND VOIDS IN AGGREGATE
C31/C31M-96	MAKING AND CURING CONCRETE TEST SPECIMENS IN THE FIELD
C33-97	CONCRETE AGGREGATES
C39-96	Compressive Strength of Cylindrical Concrete Specimens
C40-97	Organic Impurities in Fine Aggregates for Concrete
C42-94	OBTAINING AND TESTING DRILLED CORES AND SAWED BEAMS OF CONCRETE
C70-94	SURFACE MOISTURE IN FINE AGGREGATE
C76-98	REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE
C78-94	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
C87-83(95)	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
C88-90	Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
C94-98	READY-MIXED CONCRETE
C98	DISCONTINUED – USE C170
C109/C109M-98	Compressive Strength of Hydraulic Cement Mortars Using 2 inch Cube Specimens
C110-96a	Physical Testing of Quicklime, Hydrated Lime, and Limestone
C117-95	MATERIALS FINER THAN 75-MM (NO. 200) SIEVE IN MINERAL AGGREGATES BY WASHING
C118-95	Concrete Pipe For Irrigation or Drainage
C123-96	Lightweight Pieces in Aggregate
C125-97	CONCRETE AND CONCRETE AGGREGATES
C127-88 (93)	SPECIFIC GRAVITY AND ABSORPTION OF COARSE AGGREGATE
C128-97	Specific Gravity and Absorption of Fine Aggregate
C131-96	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C136-96a	SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES

C138-92	UNIT WEIGHT, YIELD, AND AIR CONTENT (GRAVIMETRIC) OF CONCRETE
C142-97	CLAY LUMPS AND FRIABLE PARTICLES IN AGGREGATES
C143/C143M-97	SLUMP OF HYDRAULIC CEMENT CONCRETE
C150-97a	PORTLAND CEMENT
C170-90(94)	Compressive Strength of Dimension Stone
C171-97a	Sheet Materials for Curing Concrete
C172-97	SAMPLING FRESHLY MIXED CONCRETE
C173-94a	Air Content of Freshly Mixed Concrete by the Volumetric Method
C192/C192M-95	Making and Curing Concrete Test Specimens in the Laboratory
C207-91 (97)	Hydrated Lime for Masonry Purposes
C226-96	Air-Entraining Additions for Use in the Manufacture of Air-Entraining Portland Cement
C227-97a	Potential Alkali Reactivity of Cement-Aggregate combinations (Mortar-Bar Method)
C231-97	AIR CONTENT OF FRESHLY MIXED CONCRETE BY THE PRESSURE METHOD
C233-97a	Testing Air-Entraining Admixtures for Concrete
C260-97	AIR-ENTRAINING ADMIXTURES FOR CONCRETE
C273-94	Sheer Properties in Flatwise Plane of Flat Sandwich Constructions of Sandwich Cores
C289-94	Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)
C295-90	Petrographic Examination of Aggregates for concrete
C301-97a	Vitrified Clay Pipe
C309-97	LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE
C342-97	Potential Volume Change of Cement-Aggregate Combinations
C360-92	Ball Penetration in Fresh Portland Cement Concrete
C361-96	Reinforced Concrete Low-Head Pressure Pipe
C412-94	Concrete Drain Tile
C425-97	Compression Joints for Vitrified Clay Pipe and Fittings
C443-94	Joints For Circular Concrete Sewer And Culvert Pipe, Using Rubber Gaskets
C444-95	Perforated Concrete Pipe
C465-96	Processing Additions for Use in the Manufacture of Hydraulic Cements
C470-94	MOLDS FOR FORMING CONCRETE TEST CYLINDERS VERTICALLY
C478-97	Precast Reinforced Concrete Manhole Sections

ASTM's for Area Office and Project Offices shown in capital letters.

C494-98	CHEMICAL ADMIXTURES FOR CONCRETE
C497-97	Concrete Pipe, Manhole Section, or Tile
C498-95	Perforated Clay Drain Tile
C505-95	Nonreinforced Concrete Irrigation Pipe with Rubber Gasket Joints
C506-95a	Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe
C507-95a	Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe
C535-96	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C566-97	TOTAL MOISTURE CONTENT OF AGGREGATE BY DRYING
C593-95	Fly Ash and other Pozzolans for use with Lime
C595-98	Blended Hydraulic Cements
C618-98	FLY ASH AND RAW OR CALCINED NATURAL POZZOLAN FOR USE AS A MINERAL ADMIXTURE IN PORTLAND CEMENT CONCRETE
C655-95a	Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe
C666-97	Resistance of Concrete to Rapid Freezing and Thawing
C684-96	MAKING, ACCELERATED CURING, AND TESTING CONCRETE COMPRESSION TEST SPECIMENS
C685-97	CONCRETE MADE BY VOLUMETRIC BATCHING AND CONTINUOUS MIXING
C700-97	Vitrified Clay Pipe, Extra Strength, Standard Strength and Perforated
C702-93	REDUCING FIELD SAMPLES OF AGGREGATE TO TESTING SIZE
C717-98a	Standard Terminology of Building Seals and Sealants
C789-95a	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains and Sewers
C823-95	EXAMINATION AND SAMPLING OF HARDENED CONCRETE IN CONSTRUCTIONS
C828-90 (96)	Low-Pressure Air Test of Vitrified Clay Pipe Lines
C850-95a	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains and Sewers with Less Than 2 ft of Cover Subjected to Highway Loadings
C877-79a(96)	Packaged, Dry, Combined Materials for Surface Bonding Mortar
C882-91	Bond Strength of Epoxy – Resin Systems used with concrete by slant shear
C887-79a(96)	Packaged, Dry, Combined materials for Surface Bonding Mortar
C913-96	Precast Concrete Water and Wastewater Structures
C920-98	Standard Specifications for Elastomeric Joint Sealants
C923-96	Specifications for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals

ASTM's for Area Office and Project Offices shown in capital letters.

C924-89(97)	Concrete Pipe Sewer Lines by Low-Pressure Air Test Method
C977-95	QUICKLIME AND HYDRATED LIME FOR SOIL STABILIZATION
C989-98b MORTARS	GROUND GRANULATED BLAST-FURNACE SLAG FOR USE IN CONCRETE AND
C990-96	Joint for concrete Pipe, Manholes and Precast box sections using Preformed Flexible Joint Sealants
C1017/C1017M-97	CHEMICAL ADMIXTURES FOR USE IN PRODUCING FLOWING CONCRETE
C1064-86 (93)	TEMPERATURE OF FRESHLY MIXED PORTLAND CEMENT CONCRETE
C1103-94	Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
C1140-97	Preparing and Testing Specimens from Shotcrete Test Panels
C1193-91(95)	USE OF JOINT SEALANTS

**ASTM's
"D series"**

Standard Specification or Test Method for:

D4-86 (93)	Bitumen Content
D5-97	Penetration of Bituminous Materials
D25-91	ROUND TIMBERPILES
D36-95	Softening Point of Bitumen (Ring-and-Ball Apparatus)
D75-97	SAMPLING AGGREGATES
D79-86 (93)	Zinc Oxide Pigments
D98-95	CALCIUM CHLORIDE
D113-86 (92)	Ductility of Bituminous Materials
D168-94	Coke Residue of Creosote
D244-97	Emulsified Asphalts
D245-93	Establishing Structural Grades and Related Allowable Properties for Visually Graded Lumber
D360-89 (96)	Shellac Varnishes
D367-94	DISCONTINUED - USE D4
D395-97	Rubber Property – Compression Set
D412-98	Rubber Properties in Tension
D413-82 (93)	Rubber Properties - Adhesion to Flexible Substrate
D420-93	Investigating and Sampling Soil and Rock
D422-63 (90)	Test Method for Particle – size Analysis of Soils
D471-97	Rubber Property - Effect of Liquids
D518-86 (97)	Rubber Deterioration - Surface Cracking
D520-84 (95)	Zinc Dust Pigment
D523-89	Test Method for Specular Gloss
D545-84 (1993)	Testing Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types)
D558-96	Moisture-Density Relations of Soil-Cement Mixtures
D559-96	Test method for wetting and drying compacted soil-cement mixtures
D560-96	Test method for Freezing and Thawing compacted soil-cement mixtures
D570-95	Water Absorption of Plastics

ASTM's for Area Office and Project Offices shown in capital letters.

D573-88 (94)	Rubber-Deterioration in an Air Oven
D605-82(96)	Magnesium Silicate Pigment (Talc)
D609-95	Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products
D618-96	Conditioning Plastics and Electrical Insulating Materials for Testing
D624-98	Rubber Property - Tear Resistance
D638-97	Tensile Properties of Plastics
D653-97	SOIL, ROCK, AND CONTAINED FLUIDS
D659	DISCONTINUED – Replaced by D4214
D698-91	LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING STANDARD EFFORT [12,400 ft-lbf/ft ³ (600 kN-m/m ³)]
D746-95	Brittleness Temperature of Plastics and Elastomers By Impact
D751-95	Coated Fabrics
D792-91	Test methods for Density and specific Gravity (Relative Density) of plastics by displacement
D846-84	DISCONTINUED
D882-97	Tensile Properties of Thin Plastic Sheeting
D883-96	STANDARD DEFINITIONS OF TERMS RELATING TO PLASTICS
D977-97	Emulsified Asphalt
D994-94	PREFORMED EXPANSION JOINT FILLER FOR CONCRETE (BITUMINOUS TYPE)
D1000-93	Pressure-Sensitive Adhesive Coated Tapes Used for Electrical Insulation
D1002-94	Strength Properties of Adhesives in Shear by Tension Loading (Metal-To-Metal)
D1004-94a	Initial Tear Resistance of Plastic Film and Sheeting
D1117-97	Nonwoven Fabrics
D1149-91 (97)	Rubber Deterioration - Surface Ozone Cracking in a Chamber
D1153-94	Methyl Isobutyl Ketone
D1173-53 (97)	Foaming Properties of Surface-Active Agents
D1186-93	Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base
D1190-97	CONCRETE JOINT SEALER, HOT-POURED ELASTIC TYPE
D1203-94	Volatile Loss From Plastics Using Activated Carbon Methods
D1204-94	Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
D1242-95a	Resistance of Plastic Materials to Abrasion

ASTM's for Area Office and Project Offices shown in capital letters.

D1248-84 (89)	POLYETHYLENE PLASTICS MOLDING AND EXTRUSION MATERIALS
D1308-87 (93)	Effect of Household chemicals on clear and pigmented organic finishes
D1452-80 (95)	Soil Investigation and Sampling by Auger Borings
D1475-96	Density of Paint, Varnish, Lacquer, and Related Products
D1505-96	Density of Plastics by the Density-Gradient Technique
D1527-96a	Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80
D1544-80 (89)	Color of Transparent Liquids (Gardner Color Scale)
D1556-90 (96)	DENSITY AND UNIT WEIGHT OF SOIL IN PLACE BY THE SAND-CONE METHOD
D1557-91	LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT [56,000 ft-lbf/ft ³ (2,700 kN-m/m ³)]
D1558-94	MOISTURE CONTENT PENETRATION RESISTANCE RELATIONSHIPS OF FINE-GRAINED SOILS
D1586-84 (92)	Penetration Test and Split-Barrel Sampling of Soils
D1587-94	Thin-Walled Tube Sampling of Soils
D1593-92	Nonrigid Vinyl Chloride Plastic Sheeting
D1603-94	Carbon Black in Olefin Plastics
D1622-93	Apparent Density of Rigid Cellular Plastics
D1623-78(95)	Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
D1652-97	Epoxy Content of Epoxy Resins
D1682	DISCONTINUED - REPLACED BY D5034 and D5035
D1683-90a	Failure in Sewn Seams of Woven Fabrics
D1693-97	Environmental Stress-Cracking of Ethylene Plastics
D1709-97	Impact Resistance of Polyethylene Film by the Free Falling Dart Method
D1751-97	PREFORMED EXPANSION JOINT FILLER FOR CONCRETE PAVING AND STRUCTURAL CONSTRUCTION (NONEXTRUDING AND RESILIENT BITUMINOUS TYPES)
D1752-84 (96)	PREFORMED SPONGE RUBBER AND CORK EXPANSION JOINT FILLERS FOR CONCRETE PAVING AND STRUCTURAL CONSTRUCTION
D1760-96	PRESSURE TREATMENT OF TIMBER PRODUCTS
D1784-97	RIGID POLY(VINYL CHLORIDE) (PVC) COMPOUNDS AND CHLORINATED POLY (VINYL CHLORIDE) (CPVC) COMPOUNDS
D1785-96b	POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE, SCHEDULES 40, 80, AND 120
D1788-81	DISCONTINUED
D1850-74	DISCONTINUED

ASTM's for Area Office and Project Offices shown in capital letters.

D1851-67 (1977)	DISCONTINUED
D1861-88	DISCONTINUED
D1892-81	DISCONTINUED - REPLACED BY D4549
D1922-94a	Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method
D2000-98	Rubber Products in Automotive Applications
D2049	DISCONTINUED - REPLACED BY D4253 AND D4254
D2103-97	Polyethylene Film and Sheeting
D2104-96	POLYETHYLENE (PE) PLASTIC PIPE, SCHEDULE 40
D2113-83 (93)	Diamond Core Drilling for Site Investigation
D2122-97	DETERMINING DIMENSIONS OF THERMOPLASTIC PIPE AND FITTINGS
D2126-94	Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging
D2127	DISCONTINUED – REPLACED BY D2842
D2136-94	Coated Fabrics - Low-Temperature Bend Test
D2152-95	Degree of Fusion of Extruded Poly (Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion
D2167-94	DENSITY AND UNIT WEIGHT OF SOIL IN-PLACE BY THE RUBBER BALLOON METHOD
D2216-92	LABORATORY DETERMINATION OF WATER (MOISTURE) CONTENT OF SOIL AND ROCK
D2235-96a	Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
D2239-96a	POLYETHYLENE (PE) PLASTIC PIPE (SIDR-PR) BASED ON CONTROLLED INSIDE DIAMETER
D2240-97	Rubber Property - Durometer Hardness
D2241-96b	POLY(VINYL CHLORIDE) (PVC) PRESSURE-RATED PIPE (SDR SERIES)
D2247-94	Testing Water Resistance of Coatings in 100% Relative Humidity
D2282-96a	Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)
D2290-92	Apparent Tensile Strength of Ring or Tubular Plastics and Reinforced Plastics by Split Disk Method
D2311-88	DISCONTINUED
D2312-88	DISCONTINUED
D2313-88	DISCONTINUED
D2314-80	DISCONTINUED
D2315-80	DISCONTINUED
D2321-89 (95)	UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OF THE GRAVITY FLOW APPLICATIONS

ASTM's for Area Office and Project Offices shown in capital letters.

D2397-97	Cationic Emulsified Asphalt
D2412-96a	Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading
D2415-97	Ash in Coal Tar and Pitch
D2444-93	Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)
D2447-95	POLYETHYLENE (PE) PLASTIC PIPE, SCHEDULES 40 AND 80, BASED ON OUTSIDE DIAMETER
D2464-96a	THREADED POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE FITTINGS, SCHEDULE 80
D2466-97	POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE FITTINGS, SCHEDULE 40
D2467-96	SOCKET-TYPE POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE FITTINGS, SCHEDULE 80
D2468-96a	Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40
D2487-93	CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES (UNIFIED SOIL CLASSIFICATION SYSTEM)
D2488-93	DESCRIPTION AND IDENTIFICATION OF SOILS (VISUAL-MANUAL PROCEDURE)
D2564-96a	SOLVENT CEMENTS FOR POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE AND FITTINGS
D2573-94	Field Vane Shear Test in Cohesive Soil
D2583-95	Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
D2609-97	PLASTIC INSERT FITTINGS FOR POLYETHYLENE (PE) PLASTIC PIPE
D2610	DISCONTINUED – REPLACED BY D3261
D2611	DISCONTINUED – REPLACED BY D3261
D2657-97	Heat Fusion Joining of Polyolefin Pipe and Fittings
D2661-97	Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
D2665-97a	Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
D2672-96a	JOINTS FOR IPS PVC PIPE USING SOLVENT CEMENT
D2680-95a	Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) PVC Composite Sewer Piping
D2683-95	SOCKET-TYPE POLYETHYLENE FITTINGS FOR OUTSIDE DIAMETER CONTROLLED POLYETHYLENE PIPE AND TUBING
D2729-96a	Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
D2737-96a	POLYETHYLENE (PE) PLASTIC TUBING
D2740-89	DISCONTINUED 1991
D2751-96a	Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings
D2794-93	Test methods for Resistance of organic coatings to the effects of Rapid Deformation (Impact)
D2842-97	Test method for water absorption of Rigid Cellular Plastics

ASTM's for Area Office and Project Offices shown in capital letters.

D2852-95	Styrene-Rubber (SR) Plastic Drain Pipe and Fittings
D2855-96	MAKING SOLVENT-CEMENTED JOINTS WITH POLY(VINYL CHLORIDE) (PVC) PIPE AND FITTINGS
D2922-96	Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
D2937-94	DENSITY OF SOIL IN PLACE BY THE DRIVE CYLINDER METHOD
D2949-97	3.25-In. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
D2996-95	Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe
D3017-96	Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
D3033-85	DISCONTINUED, 1989
D3034-97	TYPE PSM POLY (VINYL CHLORIDE) (PVC) SEWER PIPE AND FITTINGS
D3035-95	POLYETHYLENE (PE) PLASTIC PIPE (DR-PR) BASED ON CONTROLLED OUTSIDE DIAMETER
D3083-89	DISCONTINUED 1998
D3122-95	Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings
D3138-95	Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Non-Pressure Piping Components
D3139-96a	JOINTS FOR PLASTIC PRESSURE PIPES USING FLEXIBLE ELASTOMERIC SEALS
D3212-96a	JOINTS FOR DRAIN AND SEWER PLASTIC PIPES USING FLEXIBLE ELASTOMERIC SEALS
D3261-97	BUTT HEAT FUSION POLYETHYLENE (PE) PLASTIC FITTINGS FOR POLYETHYLENE (PE) PLASTIC PIPE AND TUBING
D3350-96	Polyethylene Plastics Pipe and Fittings Materials
D3361-93	Operating Light – and Water-Exposure Apparatus (unfiltered carbon – Are Type) for testing Paint, Varnish, Laquer and Related using the Dew Cycle
D3441-94	Deep, Quasi-Static, Cone and Friction-Cone Penetration Tests of Soil
D3517-96	"Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin Pressure Pipe)
D3665-94	Random Sampling of Construction Materials
D3721-83 (91)	Synthetic Red Iron Oxide Pigment
D3740-96	Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
D3754-96	"Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe
D3776-96	Mass per Unit Area (Weight) of woven Fabric
D3786-87	(Discontinued but use until replaced) Hydraulic Bursting Strength of Knitted Goods and non-woven fabrics

ASTM's for Area Office and Project Offices shown in capital letters.

D3787-89	(Discontinued but use until replaced) Bursting Strength of Knitted Goods - Constant-Rate-of-Traversal (CRT) Ball Burst Test
D3884-92	Abrasion Resistance of Textile Fabrics (Rotary Platform Double-Head Method)
D3963/D3963M-97	Epoxy-Coated Reinforcing Steel
D4060-95	Test method for abrasion Resistance of Organic Coatings by the Taber Abraser
D4083-89 (94)	Description of Frozen Soils (Visual-Manual Procedure)
D4146-96	Formability of Zinc – Rich Primer/Chromate Complex Coatings on Steel
D4161-96	"Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin Pipe Joints Using Flexible Elastomeric Seals)
D4214-97	Evaluating the Degree of Chalking of Exterior Paint Films
D4220-95	Preserving and Transporting Soil Samples
D4221-90	Dispersive Characteristics of Clay Soil by Double Hydrometer
D4253-91 (96)	MAXIMUM INDEX DENSITY OF SOILS USING A VIBRATORY TABLE
D4254-91 (96)	MINIMUM INDEX DENSITY AND UNIT WEIGHT OF SOILS AND CALCULATION OF RELATIVE DENSITY
D4318-96	LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX OF SOILS
D4355-92	Deterioration of Geotextiles from exposure to ultraviolet light and water (Xenon – Arc Type Apparatus)
D4491-96	Water Permeability of Geotextiles by Permittivity
D4549-95	Polystyrene Molding and Extrusion Materials (PS)
D4632-91 (96)	Grab Breaking Load and Elongation of Geotextiles
D4643-93	Determination of Water (Moisture) Content of Soil by the Microwave Oven Method
D4647-93	Identification and Classification of Dispersive Clay Soils by the Pinhole Test
D4751-95	Determining Apparent Opening Size of a Geotextile
D4833-88 (96)	Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products
D4873-97	Identification, Storage, and Handling of Geotextiles
D4884-96	Seam Strength of Sewn Geotextiles
D4914-89 (94)	Density of soil and Rock in Place by the Sand Replacement Method in a Test Pit
D4944-89 (94)	Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester Method
D4959-89 (94)	DETERMINATION OF WATER (MOISTURE) CONTENT OF SOIL BY DIRECT HEATING METHOD
D4992-96	Evaluation of Rock to be Used for Erosion Control
D5030-89 (94)	Density of Soil and Rock in Place by the Water Replacement Method in a Test Pit

ASTM's for Area Office and Project Offices shown in capital letters.

D5034-95	Breaking Strength and Elongation of Textile Fabric (Grab Test)
D5035-95	Breaking Strength and Elongation of Textile Fabric (Strip Method)
D5121-90 (95)	PREPARATION OF ROCK SLABS FOR DURABILITY TESTING
D5141-96	TEST METHOD FOR DETERMINING FILTERING EFFICIENCY AND FLOW RATE OF A GEOTEXTILE FOR SILT FENCE APPLICATION USING SITE-SPECIFIC SOIL
D5240-92 (97)	TESTING ROCK SLABS TO EVALUATE SOUNDNESS OF RIPRAP BY USE OF SODIUM SULFATE OR MAGNESIUM SULFATE
D5299-92	Guide of Decommissioning of Groundwater wells, Vadose Zone Monitoring Devices, Boreholes, and other Devices for Environmental Activities
D5312-92 (97)	EVALUATION OF DURABILITY OF ROCK FOR EROSION CONTROL UNDER FREEZING AND THAWING CONDITIONS
D5519-94	TEST METHOD FOR PARTICLE SIZE ANALYSIS OF NATURAL AND MAN-MADE RIPRAP MATERIALS
D5887-95	Measurement of Index Flux Through Saturated Geosynthetic Clay Liner Specimens using Flexible Wall Permeameter
D5596-94	Microscopic Evaluation of the Dispersion of Carbon Black in Polyolefin Geosynthetics
D5890-95	Standard Test method of Swell Index of Clay Mineral Component of Geosynthetic Clay Liners

**ASTM's
"E series"**

Standard Specification or Test Method for:

E11-95	Wire-Cloth Sieves for Testing Purposes
E12-70 (1991)	DISCONTINUED – Replaced by E1547
E96-95	Water Vapor Transmission of Materials
E128-94	Maximum Pore Diameter and Permeability of Rigid Porous Filters for Laboratory Use
E380-93	DISCONTINUED
E1547-93	Terms Relating to Industrial Chemicals

**ASTM's
"F Series"**

Standard Specification or Test Method for:

F405-97	CORRUGATED POLYETHYLENE (PE) TUBING AND FITTINGS
F412-94b	PLASTIC PIPING SYSTEMS
F449-97	SUBSURFACE INSTALLATION OF CORRUGATED THERMOPLASTIC TUBING FOR AGRICULTURAL DRAINAGE OR WATER TABLE CONTROL
F477-96a	ELASTOMERIC SEALS (GASKETS) FOR JOINING PLASTIC PIPE
F480-95	THERMOPLASTIC WELL CASING PIPE AND COUPLINGS MADE IN STANDARD DIMENSION RATIOS (SDR), SCH 40 AND SCH 80
F626-96a	FENCE FITTINGS
F656-96a	PRIMERS FOR USE IN SOLVENT CEMENT JOINTS OF POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE AND FITTINGS
F667-97	LARGE DIAMETER CORRUGATED POLYETHYLENE TUBING AND FITTINGS
F668-96	POLY (VINYL CHLORIDE) (PVC) – COATED STEEL CHAIN-LINK FENCE
F679-95	POLY(VINYL CHLORIDE) (PVC) LARGE-DIAMETER PLASTIC GRAVITY SEWER PIPE AND FITTINGS
F690-86 (94)	UNDERGROUND INSTALLATION OF THERMOPLASTIC PRESSURE PIPING IRRIGATION SYSTEMS
F714-97	POLYETHYLENE (PE) PLASTIC PIPE (SDR-PR) BASED ON OUTSIDE DIAMETER
F758-95	SMOOTH-WALL POLY(VINYL CHLORIDE) (PVC) PLASTIC UNDERDRAIN SYSTEMS FOR HIGHWAY, AIRPORT, AND SIMILAR DRAINAGE
F668-96	POLY (VINYL CHLORIDE) PVC–COATED STEEL CHAIN-LINK FENCE FABRIC
F771-95	POLYETHYLENE (PE) THERMOPLASTIC HIGH-PRESSURE IRRIGATION PIPELINE SYSTEMS
F789-95a	TYPE PS-46 POLY(VINYL CHLORIDE) (PVC) PLASTIC GRAVITY FLOW SEWER PIPE AND FITTINGS
F794-97	Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter
F800-89	DISCONTINUED
F810-93	Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields
F894-95	Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe
F900-94	Industrial and Commercial Swing Gates
F949-96a	POLY(VINYL CHLORIDE) (PVC) CORRUGATED SEWER PIPE WITH A SMOOTH INTERIOR AND FITTINGS

ASTM's for Area Office and Project Offices shown in capital letters.

F1043-95 STRENGTH AND PROTECTIVE COATINGS ON METAL INDUSTRIALS CHAIN-LINK
FENCE FRAMEWORK

F1083-97 PIPE,STEEL,HOT-DIPPED ZINC-COATED (GALVANIZED) WELDED, FOR FENCE
STRUCTURES

**ASTM's
"G Series"**

Standard Specification or Test Method for:

G8-96	Cathodic Disbonding of Pipeline Coatings
G14-88 (96)	Impact Resistance of Pipeline Coatings (Falling Weight Test)
G20-88 (96)	Chemical Resistance of Pipeline Coatings
G23-96	Operating Light – Exposure Apparatus (Carbon Arc Type) with and without water, for exposure of Non-Metallic Material

PART 542 - SPECIFICATIONS

\$542.40

Erratum 91

IRON PRESSURE PIPE AND FITTINGS

American Concrete Institute

ACI 304R-85	GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE
ACI 305R-89	HOT WEATHER CONCRETING
ACI 306R-88	COLD WEATHER CONCRETING
ACI 308-92	STANDARD PRACTICE FOR CURING CONCRETE
ACI 315-80	Manual of Standard Practice for detailing Reinforced Concrete Structures
ACI 318-89 REVISED 92	Building Code Requirements for Reinforced Concrete
ACI 350R-89	Environmental Engineering Concrete
ACI 506R-95	Guide to Shotcrete
ACI 530/ 530.1-92	Building Code Requirements for Masonry Structures and Specifications for Masonry Structures and Related Comments
SP-15 89	Field Reference Manual: Specifications for Structural Concrete

C 115-88

FLANGED DUCTILE-IRON PIPE WITH THREAD FLANGES

C 150-91

Thickness Design of Ductile-Iron Pipe

C 151-86

DUCTILE-IRON PIPE, CERTIFUGALLY CAST IN METAL MOLDS OR SAND-LINED MOLDS, FOR WATER OR OTHER LIQUIDS

C 153-88

DUCTILE-IRON COMPACT FITTINGS, 3 IN THROUGH 16 IN, FOR WATER AND OTHER LIQUIDS

C 200-91

STEEL WATER PIPE 6 IN. AND LARGER

C 203-91

COAL-TAR PROTECTIVE COATINGS AND LININGS FOR STEEL WATER PIPELINES—ENAMEL AND TAPE—HOT-APPLIED

C 205-89

CEMENT-MORTAR PROTECTIVE LINING AND COATING FOR STEEL WATER PIPE—4 IN. AND LARGER—SHOP APPLIED

C 206-91

FIELD WELDING OF STEEL WATER PIPE

C 207-86

STEEL PIPE FLANGES FOR WATERWORKS SERVICE—SIZES 4 IN. THROUGH 144 IN.

C 209-90

COLD-APPLIED TAPE COATINGS FOR THE EXTERIOR OF SPECIAL SECTIONS, CONNECTIONS, AND FITTINGS FOR STEEL WATER PIPELINES

American National Standards Institute

B1.1-74	Unified inch Screw Threads (UN and UNR Thread Form)
B2.1-68	Pipe Threads (Except Dryseal)
B16.3-71	Malleable-Iron Screwed Fittings, 150 & 300 lb
B16.5-73	Steel Pipe Flanges, Flanged Valves, and Fittings
B18.2.1-72	Square and Hex Bolts and Screws, Including Askew Head Bolts, Hex Cap Screws, and Lag Screws
B18.2.2-72	Square and Hex Nuts

C 210-92

Liquid Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines)

C 214-89

TAPE COATING SYSTEMS FOR THE EXTERIOR OF STEEL WATER PIPELINES (INCLUDES addendum C214a-91)

C 300-89
Addendum 93

REINFORCED CONCRETE PRESSURE PIPE, STEEL CYLINDER TYPE, FOR WATER AND OTHER LIQUIDS

C 301-92

PRESTRESSED CONCRETE PRESSURE PIPE, STEEL CLINDER TYPE, FOR WATER AND OTHER LIQUIDS

C 302-87

REINFORCED CONCRETE PRESSURE PIPE, NONCYLINDER TYPE, FOR WATER AND OTHER LIQUIDS

American Water Works Association

C 104-90	CEMENT-MORTAR LINING FOR DUCTILE-IRON PIPE AND FITTINGS FOR WATER
C 105-88	POLYETHYLENE ENCASEMENT FOR DUCTILE-IRON PIPING FOR WATER AND OTHER LIQUIDS
C 110-87	DUCTILE-IRON AND GRAY-IRON FITTINGS, 3 IN THROUGH 48 IN FOR WATER AND OTHER LIQUIDS
C 111-90	RUBBER-GASKET JOINTS FOR DUCTILE

C 304-92

Design of Prestressed Concrete Cylinder Pipe

C 500-86

Gate Valves for Water and Sewerage Systems

C 509-87

Resilient-Seated Gate Valves for Water and Sewerage Systems

C 606-87

Grooved and Shouldered Joints

C 704-92

Cold Water Meters—Propeller Type for Main Line Applications

SUBPART C - EXHIBIT

Council

§542.40			
C 900-89	POLYVINYL CHLORIDE (PVC) PRESSURE PIPE, 4 IN. THROUGH 12 IN., FOR WATER	SSPC-SP 1	Solvent Cleaning
C 901-88	POLYETHYLENE (PE) PRESSURE PIPE AND TUBING ½ IN. THROUGH 3 IN. FOR WATER SERVICE	SSPC-SP 2	Hand Tool Cleaning
C 905-88	POLY(VINYL CHLORIDE) (PVC) WATER TRANSMISSION PIPE, NOMINAL DIAMETERS 14 IN, THROUGH 36 IN.	SSPC-SP 5-63	Surface Preparation Specifications No. 5 White Metal Blast Cleaning
D102-97	Coating Steel Water Storage Tanks	SSPC-SP 6	Commercial Blast
		SSPC-SP 7	Bash-off Blast Cleaning
		SSPC-SP 10	Neon White Blast

American Welding Society

AWS A5.1-78	Specifications for Carbon Steel Covered Arc Welding Electrode
AWS A5.10-69	Specifications for Aluminum and Aluminum-Alloy Welding Rods and Bare Electrodes

Federal Specifications

TT-P-25E(2)-77	Primer Coating, Exterior Undercoat for Wood, Ready Mixed, White and Tints
TT-P-102E (1)-83	Paint, Oil (Alkyd Modifier, Exterior, White and Tints)
TT-P-381E (2)-77	Pigments-in-Oil, Tinting Color

Federal Test Methods

No. 141B-	Paint, Varnish, Lacquer, and Related Change
2161 2/1/79 Notice 1-80	Materials, Methods of Inspection, Sampling, and Testing
No. 191 12/31/68* (Textile Test Methods)	

*Selected Test Methods Only

Military Specifications

MIL-C-10578 C-69	Corrosion Removing Metal Conditioning Compound (Phosphoric Acid Base)
MIL-P-21035 (1) 70	Paint, High Zinc Dust Content, Galvanizing Repair

Product Standards

PS-1-83	FOR CONSTRUCTION & INDUSTRIAL PLYWOOD* WITH TYPICAL APA GRADE-TRADEMARKS
PS-17-69	Polyethylene Sheeting (Construction, Industrial, and Agricultural Applications)

Steel Structures Painting

USDI, Bureau of Reclamation

8 th Edition Revised 81	CONCRETE MANUAL
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AASHTO, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

M252	CORRUGATED POLYETHYLENE DRAINAGE TUBING
M294	CORRUGATED POLYETHYLENE PIPE, 12 TO 36 INCH DIAMETER
T219	Testing Lime for Chemical Constituents and Particle Size