

2023 Supplement to the 2018 EPCOT Building Code In Effect as of December 31, 2023

APPENDIX A

ADOPTION OF THE APPENDICES AND REFERENCE STANDARDS OF THE EPCOT BUILDING CODE

SECTION A-101 ADMINISTRATION

A-101.1 Scope. The appendices and Standards identified herein shall be enforced in accordance with the provisions of this Code.

A-101.2 Criteria. The Standards listed herein are sponsored by nationally recognized technical and engineering organizations. Where no national standard is available, the EPCOT compilation as listed shall apply. Where the provisions of this Code and the EPCOT Standards are in conflict, the requirements of this Code shall apply.

- Appendix M Regulations for Construction of Motion Picture and Television Soundstages
- Appendix N Regulations for Membrane Structures and Tents
- Appendix O Reserved
- Appendix P Regulations Covering Building Dead Loads
- Appendix Q Regulation of Animal Support Facilities
- Appendix R Swimming Pools and Bathing Places

SECTION A-201 APPENDICES

A-201.1 Legality. The appendices identified in this Subsection are legally a part of this Code and their provisions shall be enforced by the Building Official.

- Appendix A Adoption of the Appendices and Referenced Standards of the EPCOT Building Code
- Appendix B Fire Limits
- Appendix C Calculated Fire Resistance
- Appendix D Regulation of Signs and Outdoor Advertising Structures
- Appendix E Regulation of Private Swimming Pools
- Appendix F Regulation of Building Construction and Demolition Operations
- Appendix G Regulations for Construction of Stages, Enclosed Platforms, Motion Picture Projection Rooms and Open-Air Event or Performance Platforms
- Appendix H Regulation of Commercial Stables
- Appendix I Regulation of Covered Walkways and Malls
- Appendix J Group S-4 Occupancies and Manufactured Buildings
- Appendix K Tentative Requirements Pertaining to Heat Radiation Between Buildings
- Appendix L Tentative Design Criteria for Fire Protection of Exterior Structural Elements

SECTION A-301 EPCOT REFERENCED STANDARDS

A-301.1 Legality. The Standards listed herein are legally part of this Code and their requirements shall be enforced by the Building Official.

EPCOT Standard Number	Title of Standard	Author Designation and Year of Publication
Chapter 5 – Requirements Based on Occupancy		
5-1	Elevators, Dumbwaiters, Escalators, Moving Walks, Manlifts and Transporting Assemblies	EPCOT Compilation
5-2	Health Care Facilities Code	NFPA 99- 2015 <u>2021</u>
5-3	<i>EPCOT Accessibility Code for Building Construction</i>	2018 Edition
5-4	Flammable and Combustible Liquids Code	NFPA 30- 2015 <u>2021</u>
5-5	Liquefied Petroleum Gas Code	NFPA 58- 2014 <u>2020</u>
5-6	Dry Cleaning Plants	NFPA 32- 2014 <u>2016</u>
5-7	Exhaust Systems for Air Conveying of Vapors, Gases, Mists and Particulate Solids	NFPA 91- 2004 <u>2020</u>
5-8	Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures	NFPA 102-2016
5-9	Heliports	NFPA 418-2011

5-10	Acoustics - Laboratory Measurement of Sound Insulation of Building Elements	ISO 10140-5-2010
5-11	Spray Application Using Flammable or Combustible Materials	NFPA 33-2018
5-12	Safety Standard for Amusement Attractions and Amusement Buildings	EPCOT Compilation
5-13	Amusement Ride and Devices	EPCOT Compilation
5-14	Incinerators and Waste and Linen Handling Systems and Equipment	NFPA 82- 2014 <u>2019</u>
5-15	Reconstitution of Irradiated Charpy-Sized Specimens	ASTM E1253- <u>2013</u>
5-16	Fire Test of Foamed Plastics Used for Decorative Purposes	UL 1975- 2006
5-17	Standard Method of Fire Tests for Flame-Propagation of Textiles and Films	NFPA 701- 40 <u>2019</u>
5-18	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	NFPA 253- 15 <u>2019</u>
Chapter 6 – Requirements Based on Type of Construction		
6-1	(a) Part 1 - Fire Tests of Building Construction and Materials	ASTM E119- 2012A <u>2018b</u>
	(b) Part 2 - Fire-Resistive Time Periods for Building Components	EPCOT Compilation
6-2	Behavior of Materials in a Vertical Tube Furnace at 750° C	ASTM E136- 2012 <u>2019</u>
6-3	Surface Burning Characteristics of Building Materials	ASTM E84- 2013A <u>2018b</u>
6-4	Surface Burning Characteristics of Building Materials –with Revisions through September 2013	UL 723- 2008 <u>2018</u>
Chapter 7 – General Construction Requirements for Fire Safety		
7-1	Fire Dampers – with Revisions through May 2014	UL 555-2006
7-2	Standard Methods of Fire Tests of Door Assemblies (Withdrawn 1995)	ASTM E52-1984 E2-NFPA 252-2017
7-3	Standard on Fire Test of Window and Glass Block Assemblies (Withdrawn 1995)	ASTM E163-1984 E1-NFPA 257-2017
7-4	Smoke Detectors for Fire Alarm Systems	UL 268- 2009 <u>2016</u>
7-5	Tin-Clad Fire Doors – with Revisions through December <u>July 2013</u> <u>2018</u>	UL 10A-2009
7-6	Fire Doors and Other Opening Protectives	NFPA 80- 2013 <u>2019</u>

7-7	Fire-Retardant Roof Coverings	EPCOT Compilation
7-8	Application of Veneer	EPCOT Compilation
7-9	Smoke and Heat Venting	NFPA 204- 2012 <u>2018</u>
7-10	(a) Installation of Sprinkler Systems	NFPA 13- 2013 <u>2019</u>
7-10	(b) Sprinkler Systems in Low-Rise Residential Occupancies	NFPA 13R- 2013 <u>2019</u>
7-10	(c) Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	NFPA 13D- 2013 <u>2019</u>
7-11	(a) Low, Medium- and High-Expansion Foam	NFPA 11- 2010 <u>2016</u>
	(b) Medium- and High-Expansion Foam Systems (Withdrawn)	NFPA 11A-1999
7-12	Wetting Agents	NFPA 18-2017
7-13	Dry Chemical Extinguishing Systems	NFPA 17- 2013 <u>2021</u>
7-14	Standpipe and Hose Systems	NFPA 14- 2013 <u>2019</u>
7-15	Portable Fire Extinguishers	NFPA 10- 2013 <u>2018</u>
7-16	Halon 1301 Fire-Extinguishing Systems	NFPA 12A- 2009 <u>2018</u>
7-17	Ventilation Control and Fire Protection of Commercial Cooking Operations	NFPA 96- 2004 <u>2021</u>
7-18	Criteria for Acceptance of Foam Plastics	EPCOT Compilation
7-19	National Fire Alarm and Signaling Code	NFPA 72- 2013 <u>2019</u>
7-20	National Fire Alarm and Signaling Code Installation, Maintenance and Use of Protective Signaling Devices	NFPA 72-2013 <u>2019</u>
7-21	National Fire Alarm and Signaling Code Automatic Fire Detectors	NFPA 72-2013 <u>2019</u>
7-22	National Fire Alarm and Signaling Code Installation, Maintenance and Use of Notification appliances for Protective Signaling Systems	NFPA 72-2013 <u>2019</u>
7-23	National Fire Alarm and Signaling Code Household Fire Warning Equipment	NFPA 72-2013 <u>2019</u>
7-24	Fire Tests of Through-Penetration Fire Stops	ASTM E814-2013 <u>a(2017)</u>
7-25	Installation of Private Fire Service Mains and Their Appurtenances	NFPA 24-2019
7-26	Inspection, Testing and Maintenance of Water-Based Fire Protection System	NFPA 25- 2014 <u>2020</u>

7-27	National Electrical Code	NFPA 70- 2014 <u>2020</u>
7-28	Air Leakage Tests of Door Assemblies – with Revisions through February 2015	UL 1784- 2004 <u>2015</u>
7-29	Smoke Management Systems in Malls, Atria and Large Spaces <u>Standard for Smoke Control Systems</u>	NFPA 92B- 2009 <u>2018</u>
7-30	Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing	ASTM D2898- 2010(<u>2017</u>)
7-31	Seamless Copper Pipe, Standard Sizes	ASTM B42- 2010 <u>2015a</u>
7-32	Seamless Red Brass Pipe, Standard Sizes	ASTM B43- 2009 <u>2015</u>
7-33	Seamless Copper Tube, Bright Annealed (Metric)	ASTM B68-2011
7-34	Seamless Cooper Water Tube	ASTM B88- 2009 <u>2016</u>
7-35	General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	ASTM B251- 2010 <u>2017</u>
7-36	Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	ASTM B280- 2009 <u>2018</u>
7-37	Cast Copper Alloy Solder Joint Pressure Fittings	ASME B16.18- 2012
7-38	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	ASME B16.22- 2001 (R2010)
7-39	Smoke Door Assemblies and Other Opening Protectives	NFPA 105- 2013 <u>2019</u>
7-40	Wet Chemical Extinguishing Systems	NFPA 17A- 2013 <u>2021</u>
7-41	Stationary Pumps for Fire Protection	NFPA 20- 2013 <u>2019</u>
7-42	Carbon Monoxide (CO) Detection and Warning Equipment <u>National Fire Alarm and Signaling Code</u>	NFPA 720- 2015 <u>2019</u>
7-43	Standard Test Methods for Fire Tests of Building Construction and Materials	ASTM E119— 2012A <u>2018b</u>
7-44	Fire Tests of Building Construction and Materials	UL 263- 11 <u>2011</u>
7-45	Fire Test for Window and Glass Block Assemblies	NFPA 257— 12 <u>2017</u>
7-46	Fire Tests of Window Assemblies	UL 9— 09 <u>2009</u>
7-47	Standard Classification for Abuse-resistant Nondecorated Interior Gypsum Panel Products and Fiber-reinforced Cement Panels	ASTM C1629/C1629M— 06 (2011) <u>2018a</u>
7-48	Fire Safety and Emergency Symbols	NFPA 170— 15 <u>2018</u>

7-49	Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings	ASTM E2073- 10 <u>2010</u>
7-50	Luminous Egress Path Marking Systems—with Revisions through November 2010	UL 1994— 04 <u>2015</u>
7-51	Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	ASTM E1996— 05, 06, 09, 2012a or 2014a, 2017, or 2020
7-52	Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missiles and Exposed to Cyclic Pressure Differentials	ASTM E1886— 02 or 05 or 12 or 2013a, or 2019
Chapter 9 – Design Requirements		
9-1	Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D1557- 2012 <u>e1</u>
9-2	Density and Unit Weight of Soil in Place by the Sand-Cone Method	ASTM D1556- 2007
9-3	Deep Foundations Under Static Axial Compressive Load	ASTM D1143/D1143M - 2007(<u>2013</u>) <u>e1</u>
9-4	Establishing Allowable Stresses for Round Timber Piles	ASTM D2899- 2012
9-5	Round Timber Piles	ASTM D25- 2012(<u>2017</u>)
9-6	Welded and Seamless Steel Pipe Piles	ASTM A252- 2010(<u>2018</u>)
9-7	Minimum Design Loads for Buildings and Other Structures	ASCE 7- 2010 <u>2022</u>
9-8	Approval Standard for Class 1 Insulated Steel Deck Roofs	FM 4450-1989
9-9	Approval Standard for 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 4470-2016
9-10	Tests for Uplift Resistance of Roof Assemblies – with Revisions through October 2013	UL 580-2006
9-11	Uplift Tests for Roof Covering Systems – with Revisions through September 2015	UL 1897- 2012 <u>2015</u>
9-12	Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference	ASTM E1592- 2005 (2012) <u>2017</u>

Chapter 10* - Requirements Based On Quality, Design and Application of the Materials of Construction		
*The listing of EPCOT Standards for Chapter 10, because of its length, is subdivided into sections for each material. Except when Test Method is indicated, the Standard is a specification.		
Section 1002-Aluminum		
1002-1	Aluminum Design Manual: Part 1 – A Specification for Aluminum Structures	ADM1- 20152020
1002-2	Aluminum and Aluminum-Alloy Sheet and Plate	ASTM B209- 20102014
1002-3	Aluminum and Aluminum-Alloy Drawn Seamless Tubes	ASTM B210-2012
1002-4	Aluminum and Aluminum-Alloy Rolled or Cold Finished Bars, Rods and Wire	ASTM B211-2012e1
1002-5	Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes	ASTM B221-2014
1002-6	Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Surface Condensers, Evaporators and Heat Exchangers	ASTM B234-2017
1002-7	Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube	ASTM B241/B241M-2016
1002-8	Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings and Rolled Ring Forgings	ASTM B247-2015
1002-9	Aluminum-Alloy 6061-T6 Standard Structural Profiles	ASTM B308/B308M-2010
1002-10	Structural Welding Code-Aluminum	AWS D1.2
1002-11	Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods	ASTM B316/B316M-2015
1002-12	Aluminum-Alloy Extruded Structural Pipe and Tube	ASTM B429/B429M-2010e1
Section 1003-Concrete Construction		
1003-1	Building Code Requirements for Structural Concrete	ACI 318 20142019
1003-2	Reserved	
1003-3	Portland Cement	ASTM C150/C150M- 20122018
1003-4	Reserved	
1003-5	Blended Hydraulic Cements	ASTM C595-2013

1003-6	Concrete Aggregates	ASTM C33/C33M 20132018
1003-7	Lightweight Aggregates for Structural Concrete	ASTM C330/C330M- 20092017a
1003-8	Organic Impurities in Fine Aggregates for Concrete	ASTM C40/C40M-2019
1003-9	Air-Entraining Admixtures for Concrete	ASTM C260/C260M-2016
1003-10	Chemical Admixtures for Concrete	ASTM C494/C494M-1999
1003-11	Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete	ASTM C618-2012a
1003-12	Deformed and Plain Billet-Steel Bars for Concrete Reinforcement	ASTM A615/A615M-2012
1003-13	Rail-Steel Deformed and Plain Bars for Concrete Reinforcement (Withdrawn)	ASTM A616-1979
1003-14	Axle-Steel Deformed and Plain Bars for Concrete Reinforcement (Withdrawn)	ASTM A617-1979
1003-15	Welded Deformed Steel Bar Mats for Concrete Reinforcement -- Withdrawn	ASTM A184/A184M-2017
1003-16	Steel Wire, Plain, for Concrete Reinforcement -- Withdrawn	ASTM A82-2002
1003-17	Steel-Welded Wire Reinforcement, Plain for Concrete	ASTM A185-2002
1003-18	Steel Strand, Uncoated Seven-Wire for Prestressed Concrete	ASTM A416/A416M 2012A2017a
1003-19	Uncoated Stress-Relieved Steel Wire for Prestressed Concrete	ASTM A421/A421M-2015
1003-20	Structural Welding Code-Reinforcing Steel	AWS D1.4/D1.4M- 2011-2018-AMD1
1003-21	Low and Intermediate Tensile Strength Carbon Steel Plates	ASTM A283/A283M- 2012A2018
1003-22	Index of Specifications for Ductile-Iron Pressure Pipe	ASTM A377-2018
1003-23	Selecting Proportions for Normal, Heavyweight and Mass Concrete	ACI 211.1-1991 (Reapproved 2009)
1003-24	Selecting Proportions for Structural Lightweight Concrete	ACI 211.2-1998 (Reapproved 2004)
1003-25	Evaluation of Strength Test Results of Concrete	ACI 214R-2011

1003-26	Making and Curing Concrete Test Specimens in the Laboratory	ASTM C192/C192M-2018
1003-27	Sampling Freshly Mixed Concrete	ASTM C172- 2019 2017
1003-28	Compressive Strength of Cylindrical Concrete Specimens	ASTM C39-2018
1003-29	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	ASTM C42/C42M-2018a
1003-30	Splitting Tensile Strength of Cylindrical Concrete Specimens	ASTM C496/C496M-2017
1003-31	Ready-Mixed Concrete	ASTM C94/C94M- 2013 2017a
1003-32	Design and Control of Concrete Mixtures	PCA 15 th Edition
The following Standards appearing in other Sections also shall apply to Section 1003:		
EPCOT Standard Number	Title of Standard	Author Designation and Year of Publication
1009-12	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless Specification for Cast Iron Soil Pipe and Fittings	ASTM A53-2018
Section 1004-Gypsum Concrete and Precast Gypsum		
1004-1	Reinforced Gypsum Concrete	EPCOT Compilation
1004-2	Physical Testing of Gypsum, Gypsum Plaster and Gypsum Concrete	ASTM C472-1999 (2009 2014)
1004-3	Physical Testing of Gypsum Panel Products	ASTM C473- 2012 2017
1004-4	Gypsum Concrete	ASTM C317/C317M-2000 (2010 2015)
1004-5	Chemical Analysis of Gypsum and Gypsum Products	ASTM C471M-2001
The following Standards appearing in other Sections also shall apply to Section 1004:		
EPCOT Standard Number	Title of Standard	Author Designation and Year of Publication
1003-16		ASTM A82- 2002
1003-17		ASTM A185/A185M- 2006 (2011)
1003-20		AWS D1.4/D1.4M- 2011

1007-9		ASTM C28/C28M- 2010
1009-20		ASTM A242/A242M- 2013
Section 1005-Glass and Glazing		
1005-1	Architectural Glazing Material	CPSC 16 CFR Part 1201-2002
1005-2	Safety Glazing Materials Used in Buildings -- Safety Performance Specifications and Methods of Test	ANSI Z97.1-2014
1005-3	Building Code Requirements for Masonry Structures	ACI 530-2013 ASCE 5-2013 TMS 402-2016
Section 1006-Masonry		
1006-1	Building Code Requirements for Masonry Structures	ACI 530-2013 ASCE 5-2013 TMS 402-2016
1006-2	Masonry Structures	ACI 530.1-2013 ASCE 6-2013 TMS 602-2016
1006-3	Building Brick (Solid Masonry Units Made from Clay or Shale)	ASTM C62- 2013 2017
1006-4	Calcium Silicate Brick (Sand-Lime Brick)	ASTM C73- 2010 2017
1006-5	Facing Brick (Solid Masonry Units Made from Clay or Shale)	ASTM C216- 2013 2017a
1006-6	Concrete Building Brick	ASTM C55- 2014 2017
1006-7	Load-Bearing Concrete Masonry Units	ASTM C90- 2014 2016a
1006-8	Reserved	
1006-9	Non-Load-Bearing Concrete Masonry Units	ASTM C129-2017
1006-10	Structural Clay Load-Bearing Wall Tile	ASTM C34-2017
1006-11	Structural Clay Non-Load-Bearing Tile	ASTM C56-2017
1006-13	Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units	ASTM C126-2018
1006-14	Structural Clay Facing Tile	ASTM C212-2017
1006-16	Masonry Cement	ASTM C91/C91M- 2012 2018
1006-17	Quicklime for Structural Purposes	ASTM C5- 2010 2018
1006-18	Hydrated Lime for Masonry Purposes	ASTM C207-2018

1006-19	Finishing Hydrated Lime	ASTM C206- 2013 2014
1006-20	Blended Hydraulic Cements	ASTM C595/C595M- 2013 2018
1006-21	Aggregates for Masonry Mortar	ASTM C144- 2018
1006-22	Aggregates for Masonry Grout	ASTM C404- 2018
1006-23	Mortar for Unit Masonry	ASTM C270- 2012a 2014a
1006-24	Sampling and Testing Brick and Structural Clay Tile	ASTM C67- 2013 2018
1006-25	Sampling and Testing Concrete Masonry Units and Related Units	ASTM C140/C140M- 2013 2018
1006-26	Packaged, Dry Combined Materials for Surface Bonding Mortar	ASTM C887- 2005(2010) 2013
1006-27	Building Brick (Solid Masonry Units Made from Clay or Shale)	ASTM C62- 2013 2017
1006-28	Lightweight Aggregates for Concrete Masonry Units	ASTM C331- 2010 2017
1006-29	Grout for Masonry	ASTM C476- 2002 2019
1006-30	Sampling and Testing Grout	ASTM C1019- 2018
The following Standards appearing in other Sections also shall apply to Section 1006:		
EPCOT Standard Number		Author Designation and Year of Publication
1003-3		ASTM C150/C150M- 2012
1003-12		ASTM A615/A615M- 2012
1003-13		ASTM A616- 1979
1003-14		ASTM A617- 1979
1003-15		ASTM A184/A184M- 2017
1003-16		ASTM A82- 2007
1003-17		ASTM A185- 2007
Section 1007 - Plastering, Lathing and Installation of Wallboard		
1007-1	(a) Application of Portland Cement-Based Plaster	ASTM C926- 2015b 2018b

	(b) Interior Lathing and Furring	ASTM C841- 2003 (2008 2018)e1
1007-2	Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster	ASTM C1063- 2015a 2018b
1007-3	Gypsum Wallboard -- Withdrawn	ASTM C36/C36M-2003
1007-4	Application and Finishing of Gypsum Panel Products	GA 216- 2013 2018
1007-5	Gypsum Backing Board, Gypsum, Coreboard and Gypsum Shaftliner Board -- Withdrawn	ASTM C442/C442M- 2004
1007-6	Treated Core and Non-Treated Core Gypsum Sheathing Board	ASTM C79- 2004a
1007-7	Gypsum Lath	ASTM C37/C37M-2001
1007-8	Inorganic Aggregates for Use in Gypsum Plaster	ASTM C35-1995 (2009 2014)
1007-9	Gypsum Plasters	ASTM C28/C28M- 2010(2015)
1007-10	Gypsum Casting Plaster and Molding Plaster	ASTM C59/C59M-2000 (2011 2015)
1007-11	Finishing Hydrated Lime	ASTM C206- 2013 2014
1007-12	Gypsum Keene's Cement	ASTM C61/C61M-2000 (2011 2015)
1007-13	Adhesives for Fastening Gypsum Wallboard to Wood Framing	ASTM C557- 2003(2009 2017) e01
1007-14	Joint Compound and Joint Tape for Finishing Gypsum Wallboard	ASTM C475/C475M- 2012 2017
The following Standards appearing in other Sections also shall apply to Section 1007:		
EPCOT Standard Number		Author Designation and Year of Publication
1003-3		ASTM C150/C150M- 2012
1003-5		ASTM C595/C595M- 2013
1003-15		ASTM A184/A184M- 2006 (2017)
1006-16		ASTM C91/C91M- 2012

Section 1008-Plastics		
1008-1	Ignition Temperature of Plastics	ASTM D1929- 2012 <u>2016</u>
1008-2	Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position	ASTM D635- 2010 <u>2014</u>
1008-3	Density of Smoke from the Burning or Decomposition of Plastics	ASTM D2843- 2010 <u>2016</u>
Section 1009-Steel		
1009-1	Structural Steel Buildings (Supercedes AISC 335-1989s1)	ANSI/AISC 360- 2010 <u>2016</u>
1009-2	(a) North American Specification for the Design of Cold-Formed Steel Structural Members	AISI S100- 2016 (2020) <u>w/S2-2020</u>
	(b) Design of Cold-Formed Stainless Steel Structural Members	ASCE 8- 2014 <u>2002</u>
1009-3	(a) Open-Web Steel Joists, K-Series	SJI K-Series- 2010 <u>2015</u>
	(b) Longspan Steel Joists, LH-Series and Deep Longspan Steel Joists, DLH-Series	SJI LH/DLH-Series- 2010 <u>2015</u>
	(c) Load Tables and Weight Tables for Steel Joists and Joist Girders K-Series, LH-Series, DHL-Series, Joist Girders	SJI 44-45 th Edition- 2015 <u>2020</u>
	(d) Code of Standard Practice for Steel Joists and Joist Girders	SJI COSP- 2010 <u>2020</u>
1009-4	Structural Applications of Steel Cables for Buildings	ASCE 19-2016
1009-5	(a) Structural Welding Code - Steel	AWS D1.1- 2010 <u>2020</u>
	(b) Structural Welding Code - Sheet Steel	AWS D1.3- 2008 <u>2018</u>
1009-6	Structural Joints Using High Strength Bolts	RCSC- 2009 <u>2020</u>
1009-7	Carbon Structural Steel	ASTM A36/A36M- 2008 <u>2014</u>
1009-8	Steel Casting, Carbon, for General Application	ASTM A27/A27M-2017
1009-9	Gray-Iron Castings	ASTM A48/A48M-2003 (2016)
1009-10	(a) Carbon Steel Electrodes and Rods for Gas-Shielded Arc Welding	AWS A5.18/A5.18M-2017
	(b) Carbon Steel Electrodes for Flux-Cored Arc Welding	AWS A5.20/A5.20M-(R2015)
1009-11	Reserved	

1009-12	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless Specification for Cast-Iron Soil Pipe and Fittings	ASTM A53-2018
1009-13	Structural Steel (SS), Sheet, Carbon, Coil-Rolled (Withdrawn)	ASTM A611-1997
1009-14	Steel, Sheet and Strip, Carbon, Hot-Rolled (Withdrawn)	ASTM A570/A507M-1998
1009-15	Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength	ASTM A307-2014
1009-16	Structural Bolts, Steel, Heat-Treated, 120/105 ksi Minimum Tensile Strength	ASTM A325-2009
1009-17	Quenched- and Tempered-Alloy Steel Bolts, Studs, and other Externally Threaded Fasteners	ASTM A354-2017
1009-18	Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Code-Rolled, with Improved Atmospheric Corrosion Resistance	ASTM A606/A606M-2018
1009-19	Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium and/or Vanadium Hot-Rolled and Cold-Rolled (Withdrawn 2000)	ASTM A607-1998
1009-20	High-Strength, Low-Alloy Structural Steel	ASTM A242/A242M-2018
1009-21	High-Strength, Low-Alloy Columbium-Vanadium Structural Steel	ASTM A572/A572M-2012A
1009-22	Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality (Withdrawn 1994)	ASTM A446/A446M-1993
1009-23	Hex Cap Screws, Bolts, and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use	ASTM A449-2014
1009-24	Heat-Treated, Steel Structural Bolts, Alloy Steel, Heat Treated 150 ksi Minimum Tensile Strength	ASTM A490-2008b
1009-25	Rivets, Steel, Structural	ASTM A502-2003 (2015)
1009-26	High-Strength, Low-Alloy Columbium-Vanadium Structural Steel	ASTM A572/A572M- 2012A <u>2018</u>
1009-27	Seamless Carbon Steel Pipe for High-Temperature Service	ASTM A106/A106M-2018
1009-28	Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes	ASTM A500/A500M-2018
1009-29	Hot-Formed Welded and Seamless Carbon Steel Structural Tubing	ASTM A501-2014

1009-30	Steel Castings, High-Strength for Structural Purposes	ASTM A148/A148M-2015
1009-31	Steel Forgings, Carbon and Alloy, for General Industrial Use	ASTM A668/A668M-2013e1
1009-32	High-Strength, Low-Alloy Structural Steel with 50 psi Minimum Yield Point with Atmospheric Corrosion Resistance	ASTM A588/A588M-2010/2015
1009-33	Steel Bars, Carbon, Merchant Quality, Mechanical Properties	ASTM A663/A633M-2017
1009-34	Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties	ASTM A675/A675M-2014
1009-35	Mechanical Testing of Steel Products	ASTM A370-018
1009-36	High-Yield-Strength, Quenched-and Tempered-Alloy Steel Plate, Suitable for Welding	ASTM A514/A514M-2018
1009-37	High-Strength Carbon-Manganese Steel of Structural Quality	ASTM A529/A529M-2014
1009-38	Steel Joists Shop Primer/Metal Building Primer	SSPC-Paint 15
1009-39	Steel Deck Institute Design Manual for Composite Decks, Form Decks and Roof Decks	SDI # 31-2007
1009-40	Structural Steel Buildings	AISC 360-2016
The following Standards appearing in other Sections apply to the use of steel pipe piles, welding and reinforcing steel:		
EPCOT Standard Number		Author Designation and Year of Publication
9-6		ASTM A252-2010
1003-12		ASTM A615/A615M-2012
1003-13		ASTM A616-1979 (Withdrawn)
1003-14		ASTM A617-1979 (Withdrawn)
1003-15		ASTM A184/A184M 2006 (2017)
1003-16		ASTM A82-2002
1003-17		ASTM A185-2002

1003-18		ASTM A416/A416M 2012A
1003-19		ASTM A421/A421M 2015
1003-20		AWS D1.4/D1.4M-2014
1003-21		ASTM A283/A283M 2012a
1003-22		ASTM A377-2003 (2018)e1
Section 1010-Wood		
1010-1	(a) National Design Specification (NDS) for Wood Construction	ANSI/AWC NDS-2018
	(b) Special Design Provisions for Wind and Seismic	ANSI/AWC SDPWS-2015/2021
1010-2	(a) Span Tables for Joists and Rafters	AF&PA-2012
	(b) Design Values for Joists and Rafters	AF&PA-2005
1010-3	Wood Construction Data --Plank-and-Beam Framing for Residential Buildings	AWC WCD4-2003
1010-4	Structural Glued-Laminated Timber of Softwood Species – Design Requirements – Standard Specifications for Structural Glued-Laminated Timber of Softwood Species – Manufacturing Requirements	AITC 117-2010
1010-5	Reserved	
1010-6	Reserved	
1010-7	Reserved	
1010-8	Plywood Design Specification (Revised 1998)	APA PDS-Y510J-2004
1010-9	Wood	EPCOT Compilation
1010-10	Establishing Structural Grades and Related Allowable Properties for Visually Graded Lumber	ASTM D245-2006 (2011)
1010-11	Grades of Southern and Tidewater Red Cypress	SCMA-June 1, 1986
1010-12	Southern Pine Inspection Bureau Grading Rules	SPIB-2014
1010-13	Standard Grading Rules for West Coast Lumber	WCLIB 17-2004
1010-14	Grades of California Redwood Lumber	California Redwood Association-2000 Edition

1010-15	Western Lumber Grading Rules	WWPA 2011
1010-16	Official Grading Rules for Northern Hardwood and Pine	NHPMA
1010-17	Standard Grading Rules for North-eastern Lumber	NeLMA-2013
1010-18	Structural Glued-Laminated Timber	ANSI A190.1- 2012 2017
1010-19	Structural Plywood	NIST-2009
1010-20	(a) All Timber Products – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C1-2003
	(b) Lumber, Timber, Bridge Ties and Mine Ties – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C2-2002
	(c) Piles – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C3-2003
	(d) Poles – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C4-2003
	(e) Sawn Timber Piles Used To Support Residential and Commercial Structures (Withdrawn)	AWPA C24-2003
	(f) Posts – Pressure Treatment (Withdrawn)	AWPA C5-2003
	(g) Plywood – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C9-2003
	(h) Wood Block for Floors and Platforms Pressure Treatment (Withdrawn)	AWPA C11-2001
	(i) Wood for Commercial-Residential Construction – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C15-2003
	(j) Round Poles and Posts Used in Building Construction – Preservative Treatment by Pressure Processes (Withdrawn)	AWPA C23-2003
	(k) Structural Glued-Laminated Members and Laminations Before Gluing (Withdrawn)	AWPA C28-2003
1010-21	(a) Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing	ASTM D2898-2010(2017)
	(b) Hygroscopic Properties of Fire-Retardant-Treated Wood and Wood-Base Products	ASTM D3201/D3201M-2013
	(c) Structural Lumber, Fire-Retardant Pressure Treatment (Withdrawn)	AWPA C20-2002
	(d) Plywood -- Fire-Retardant Treated by Pressure Processes (Withdrawn)	AWPA C27-2002

1010-22	Piles and Poles, Wood (Cancelled)	ANSI 05.1-2002
1010-23	Federal Specification for Insulation Board, Thermal (Cellulosic Fiber) (Cancelled)	LLL-1-535B-1977
1010-24	Fiberboard Nail-Base Sheathing (Withdrawn 1992)	ASTM D2277-1987
1010-25	Federal Specifications for Nails, Brads, Staples and Spikes: Wire, Cut and Wrought	FF-N-105B-March 17, 1971
1010-26	Cellulosic Fiber Insulating Board	ASTM C208-2012(2017)e1 ASTM C209-1998
1010-27	(a) Basic Hardboard	AHA A135.4- 2012 2004
	(b) Prefinished Hardboard Paneling	AHA A135.5- 2012 2004
	(c) Hardboard Siding	AHA A 135.6- 2012 1998
1010-28	Particleboard	ANSI A208.1-2009
1010-29	Evaluating Properties for Wood-Base Fiber and Particle Panel Materials	ASTM D1037-2012
1010-30	APA Engineered Wood Construction Guide, Form E30	APA EWCGE30- 2019
1010-31	National Design Standard For Metal-Plate-Connected Wood Truss Construction	TPI 1-2014
1010-32	Performance Standards and Policies for Structural-Use Panels	APA PRP108- 2021
1010-33	Adhesives for Field-Glueing Plywood to Wood Framing	APA AFG-01-March 1991
1010-34	Wood Construction Data No. 6, Design of Wood Frame Structures for Permanence	AF&PA WCD6-2006
1010-35	Test Method for Evaluating the Flexural Properties of Fire-Retardant-Treated Softwood Plywood Exposed to the Elevated Temperatures	ASTM D5516- 2009 2018
1010-36	Technical Report No. 7, The Permanent Wood Foundation Design Specification System (Replaced)	AF&PA TR-7-March-1987 PWF-2007
1010-37	Zinc Coating (Hot-Dip) on Iron and Steel Hardware	ASTM A153/A153M- 2009 2016a
1010-38	Coatings of Zinc Mechanically Deposited on Iron and Steel Strip for Building Construction	ASTM B695-2004(20092016)
The following Standard referenced in other Sections shall also apply to Section 1010:		

EPCOT Standard Number		Author Designation and Year of Publication
6-3		ASTM E84- 2013 <u>A</u>
7-8		EPCOT Compilation
9-4		ASTM D2899- 2017
9-5		ASTM D25- 2012
1007-1		ASTM C926- 2015 <u>b</u>
Section 1011 – Thermal Insulating Material		
1011-1	<i>EPCOT Energy Efficiency Code for Building Construction</i>	2018
1011-2	B. Energy Standard for Buildings, Except Low-Rise Residential Buildings, I-P Edition excluding section 9.4.1.1(g)	ANSI/ASHRAE/IESNA 90.1- 2016 <u>2013</u>
1011-3	C. Advanced Energy Design Guide for Small Office Buildings (Guide)	ASHRAE-2004
	D.	
Appendix D – Regulation of Signs and Outdoor Advertising Structures		
D-1	Standard for Electric Signs	UL 48-11
D-2	Enclosures for Electrical Equipment, Non-Environmental Considerations	UL 50-15
Appendix N – Regulations for Membrane Structures and Tents		
N-1	Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices	ASTM F2374-2017
Appendix R – Swimming Pools and Bathing Places		
R-1	Equipment for Pools, Spas, Hot Tubs and Other Recreational Water Facilities	NSF/ANSI 50- 2014 <u>2019</u>
R-2	Safety Covers and Labeling Requirements for All Covers for	ASTM F1346-1991 (2010)

	Swimming Pools, Spas and Hot Tubs	
R-3	Public Swimming Pools	ANSI/NSPI-1-2003
R-4	Public Spas	ANSI/NSPI-2-1999
R-5	Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs and Catch Basins	ANSI/APSP-7-2013
R-6	Drinking Water Treatment Chemicals – Health Effects	NSF/ANSI 60-2005
R-7	Dimensional Standards	National Collegiate Athletic Association-1998
R-8	Federation Internationale de Natation Amateur Handbook	FINA 1998-2000 <u>2005-2009</u>
R-9	Official Rules of Diving & Code Regulation of United States Diving, Inc.	1998-1999
R-10	United States Swimming Rules and Regulations	1998
R-11	National Federation of State High School Associations	1997-1998
R-12	Federation Internationale de Natation Amateur Handbook	FINA 2005-2009
R-13	National Electrical Code	NFPA 70- 2014 <u>2020</u>
R-14	Suction Fitting for use in Pools, Wading Pools, Spas, Hot Tubs and Whirlpool Bathtub Appliances	ASME/ANSI A112.19.8-2007
R-15	USEPA Ultraviolet Disinfectant Guidance Manual	EPA 815-R-06-007-Nov. 2006
EPCOT Standard 5-1		
5-1-1	Safety Code for Elevators and Escalators – with A17.1a/CSA B44-2013	ASME A17.1- 2013 <u>2019</u>
5-1-2	Guide for Inspection of Elevators, Escalators, and Moving Walks	ASME A17.2-2012
5-1-3	Safety Standard for Belt Manlifts	ASME A90.1- 2009 <u>2015</u>
5-1-4	Safety Standard for Conveyors and Related Equipment	ASME B20.1- 2009 <u>2021</u>
5-1-5	Safety Code for Existing Elevators and Escalators	ASME A17.3- 1996 <u>2020</u>
5-1-6	Safety Standard for Platform Lifts and Stairway Chairlifts	ASME A18.1- 2008 <u>2020</u>
5-1-7	Elevator and Escalator Electrical Equipment	ASME A17.5- 2019