

# CHAPTER 14

## REFERENCED STANDARDS

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**User note:**

*About this chapter:* This code contains numerous references to standards promulgated by other organizations that are used to provide requirements for materials and methods of construction. Chapter 14 contains a comprehensive list of all standards that are referenced in this code. These standards, in essence, are part of this code to the extent of the reference to the standard.

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### ASTM

ASTM International  
100 Barr Harbor Drive, P.O. Box C700  
West Conshohocken, PA 19428-2959

**A74—17: Specification for Cast Iron Soil Pipe and Fittings**

Table 505.1

**A888—18: Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application**

Table 505.1

**B32—08(2014): Specification for Solder Metal**

505.8.2

**B75/B75M—11: Specification for Seamless Copper Tube**

Table 505.1

**B88—16: Specification for Seamless Copper Water Tube**

Table 505.1

**B251/B251M—2017: Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube**

Table 505.1

**B813—2016: Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper-alloy Tube**

505.8.2

**B828—2016: Practice for Making Capillary Joints by Soldering of Copper and Copper-alloy Tube and Fittings**

505.8.2

**C4—2004(2018): Specification for Clay Drain Tile and Perforated Clay Drain Tile**

Table 505.1

**C14—15a: Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe**

Table 505.1

**C76—2018A: Specification for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe**

Table 505.1

**C425—2004(2018): Specification for Compression Joints for Vitrified Clay Pipe and Fittings**

505.12, 505.13

**C428/C428M—05(2011)e1: Specification for Asbestos-cement Nonpressure Sewer Pipe**

Table 505.1

**C443—2012(2017): Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets**

505.7, 505.13

**C478-15a: Specification for Circular Precast Reinforced Concrete Manhole Sections**

504.1.1.2

**C564—14: Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings**

505.6.2, 505.6.3, 505.13

**C700—2018: Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength and Perforated**

Table 505.1

**C913—08: Specification for Precast Concrete Water and Wastewater Structures**

504.1.1.3

**C1173—2018: Specification for Flexible Transition Couplings for Underground Piping Systems**

505.3.1, 505.5.1, 505.7, 505.10.1, 505.12, 505.13

## REFERENCED STANDARDS

### ASTM—continued

- C1277—2018: Specification for Shielding Coupling Joining Hubless Cast-iron Pipe and Fittings**  
504.1.1, 505.6.3
- C1440—2017: Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems**  
505.13
- C1460—2017: Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground**  
505.13
- C1461—2008(2017): Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV) Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Use**  
505.13
- C1644-06: Specification for Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes**  
504.1.1
- D1869—15: Specification for Rubber Rings for Fiber-Reinforced Cement Pipe**  
505.4, 505.13
- D2235—2004(2016): Specification for Solvent Cement for Acrylonitrile-butadiene-styrene (ABS) Plastic Pipe and Fittings**  
505.3.2, 505.5.2
- D2564—2012(2018): Specification for Solvent Cements for Poly Vinyl Chloride (PVC) Plastic Piping Systems**  
505.10.2, 505.11.2
- D2657—2007(2015): Standard Practice for Heat-fusion Joining of Polyolefin Pipe and Fittings**  
505.9.1
- D2661—14E1: Specification for Acrylonitrile-butadiene-styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings**  
Table 505.1, 505.3.2, 505.5.2
- D2665—2014: Specification for Poly Vinyl Chloride (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings**  
Table 505.1
- D2729—2017: Specification for Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings**  
Table 505.1.1
- D2751—05: Specification for Acrylonitrile-butadiene-styrene (ABS) Sewer Pipe and Fittings**  
Table 505.1
- D2855—2015: Standard Practice for Making Solvent-cemented Joints with Poly Vinyl Chloride (PVC) Pipe and Fittings**  
505.10.2, 505.11.2
- D2949—10: Specification for 3.25-inch Outside Diameter Poly Vinyl Chloride (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings**  
Table 505.1
- D3034—2016: Specification for Type PSM Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings**  
Table 505.1
- D3212—07(2013): Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals**  
505.3.1, 505.5.1, 505.10.1
- D4021—92: Specification for Glass-fiber Reinforced Polyester Underground Petroleum Storage Tanks**  
504.1.3
- F405—05: Specification for Corrugated Polyethylene (PE) Pipe and Fittings**  
Table 505.1.1
- F477—10: Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe**  
505.13
- F628—2012E2: Specification for Acrylonitrile-butadiene-styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core**  
Table 505.1, 505.3.2, 505.5.2
- F656—2015: Specification for Primers for Use in Solvent Cement Joints of Poly Vinyl Chloride (PVC) Plastic Pipe and Fittings**  
505.10.2, 505.11.2
- F891—2016: Specification for Coextruded Poly Vinyl Chloride (PVC) Plastic Pipe with a Cellular Core**  
Table 505.1
- F1488—2014E1: Specification for Coextruded Composite Pipe**  
Table 505.1, Table 505.1.1
- F1499—2017: Specification for Coextruded Composite Drain Waste and Vent Pipe (DWV)**  
Table 505.1

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## CISPI

Cast Iron Soil Pipe Institute  
2401 Fieldcrest Drive  
Mundelein, IL 60060

- 301—18: Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications**  
Table 505.1
- 310—18: Specification for Coupling for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications**  
505.6.3

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## CSA

CSA Group  
8501 East Pleasant Valley Road  
Cleveland, OH 44131-5516

- A257.2—14: Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings**  
Table 505.1
- A257.3—14: Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets**  
505.7, 505.13
- B137.3—17: Rigid Poly Vinyl Chloride (PVC) Pipe for Pressure Applications**  
505.10.2, 505.11.2
- B181.1—18: Acrylonitrile-butadiene-styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings**  
505.3.2, 505.5.2
- B181.2—18: (PVC) Polyvinylchloride and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings**  
505.10.2, 505.11.2
- B182.1—18: Plastic Drain and Sewer Pipe and Pipe Fittings**  
505.10.2, 505.11.2
- B182.2—18: (PVC) Polyvinylchloride Sewer Pipe and Fittings PSM Type**  
Table 505.1
- B182.4—18: Profile PVC Sewer Pipe and Fittings**  
Table 505.1
- B602—16: Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe**  
505.3.1, 505.5.1, 505.6.3, 505.7, 505.10.1, 505.12, 505.13
- CSA A257.1—14: Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings**  
Table 505.1

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## ICC

International Code Council  
500 New Jersey Avenue, NW  
Washington, DC 20001

- IBC—21: International Building Code®**  
201.3
- IPC—21: International Plumbing Code®**  
201.3, 505.14

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## NSF

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105

- 40—2018: Residential Wastewater Treatment Systems**  
1101.2
- 41—2016: Nonliquid Saturated Treatment Systems (Composing Toilets)**  
1301.2

REFERENCED STANDARDS

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UL

UL LLC  
333 Pfingsten Road  
Northbrook, IL 60062-2096

70—2001: Septic Tanks, Bituminous-coated Metal  
504.1.2