

Section 1.3. Referenced Documents and Organizations

1.3.1. Referenced Documents

1.3.1.1. Effective Date

1) Unless otherwise specified herein, the documents referenced in this By-law shall include all amendments, revisions, reaffirmations, reapprovals, addenda and supplements effective to 30 June 2014.

1.3.1.2. Applicable Editions

1) Where documents are referenced in this By-law, they shall be the editions or versions designated in Table 1.3.1.2.

Table 1.3.1.2.
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|-----------------|---|--|---|
| ANSI/ ASHRAE | 188-2018 | Legionellosis: Risk Management for Building Water Systems | 2.2.10.6.(7) |
| ANSI/CSA | ANSI Z21.22-1999/CSA 4.4-M99 (including Addenda 1 and 2) | Relief Valves for Hot Water Supply Systems | 2.2.10.11.(1) |
| ASHRAE | 2013 | ASHRAE Handbook – Fundamentals | A-2.6.3.1.(2) |
| ASHRAE | 2011 | ASHRAE Handbook – HVAC Applications | A-2.6.3.1.(2) |
| ASHRAE | Guideline 12-2020 | Managing the Risk of Legionellosis Associated with Building Water Systems | A-2.2.11.6 |
| ASME/CSA | ASME A112.18.1-2012/CSA B125.1-12 | Plumbing Supply Fittings | 2.2.10.6.(1) 2.2.10.7.(1) |
| ASME/CSA | ASME A112.18.2-2011/CSA B125.2-11 | Plumbing Waste Fittings | 2.2.3.3.(1) 2.2.10.6.(6) |
| ASME/CSA | ASME A112.18.6-2017/CSA B125.6-17 | Flexible Water Connectors | 2.2.10.18.(1) |
| ASME/CSA | ASME A112.19.1-2013/CSA B45.2-13 | Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures | 2.2.2.2.(1) |
| ASME/CSA | ASME A112.19.2-2013/CSA B45.1-13 | Ceramic Plumbing Fixtures | 2.2.2.2.(1) |
| ASME/CSA | ASME A112.19.3-08/CSA B45.4-08 | Stainless Steel Plumbing Fixtures | 2.2.2.2.(1) |
| ASME/CSA | ASME A112.19.7-2012/CSA B45.10-12 | Hydromassage Bathtub Systems | 2.2.2.2.(1) |
| ASME | A112.6.9-2005 | Siphonic Roof Drains | 2.3.6.1.(6) 2.4.10.14.(1) |
| ASME | B16.3-2011 | Malleable-Iron Threaded Fittings: Classes 150 and 300 | 2.2.6.7.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.4-2011 | Gray Iron Threaded Fittings: Classes 125 and 250 | 2.2.6.6.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.5-2013 | Pipe Flanges and Flanged Fittings: NPS ½ Through NPS 24 Metric/Inch Standard | 2.2.6.13.(1) |
| ASME | B16.9-2007 | Factory-Made Wrought Buttwelding Fittings | 2.2.6.12.(1) 2.2.6.15.(1) |
| ASME | B16.12-2009 | Cast Iron Threaded Drainage Fittings | 2.2.6.4.(1) |
| ASME | B16.15-2013 | Cast Copper Alloy Threaded Fittings: Classes 125 and 250 | 2.2.7.3.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.18-2012 | Cast Copper Alloy Solder-Joint Pressure Fittings | 2.2.7.6.(1) 2.2.7.6.(2) A-2.2.5., 2.2.6. and 2.2.7. |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|-----------------|---|---|---|
| ASME | B16.22-2013 | Wrought Copper and Copper Alloy Solder Joint Pressure Fittings | 2.2.7.6.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.23-2011 | Cast Copper Alloy Solder Joint Drainage Fittings: DWV | 2.2.7.5.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.24-2011 | Cast Copper Alloy Pipe Flanges and Flanged Fittings: Classes 150, 300, 600, 900, 1500, and 2500 | 2.2.7.2.(1) |
| ASME | B16.26-2013 | Cast Copper Alloy Fittings for Flared Copper Tubes | 2.2.7.7.(1) 2.2.7.7.(2) |
| ASME | B16.29-2012 | Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings – DWV | 2.2.7.5.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASME | B16.51-2021 | Copper and Copper Alloy Press-Connect Pressure Fittings | 2.2.7.8.(1) |
| ASME | B31.9-2008 | Building Services Piping | 2.3.2.8.(1) |
| ASME | B36.19M-2004 | Stainless Steel Pipe | 2.2.6.11.(1) |
| ASPE | 2010 | Plumbing Engineering Design Handbook, Volume 2 | A-2.6.3.1.(2) |
| ASPE | 2012 | Plumbing Engineering Design Handbook, Volume 4, Chapter 8, Grease Interceptors | A-2.4.4.3.(1) |
| ASPE/ANSI | ASPE/ANSI 45-2018 | Siphonic Roof Drainage | 2.4.10.14.(1) |
| ASSE | ANSI/ASSE 1010-2004 | Water Hammer Arresters | 2.2.10.15.(1) |
| ASSE | ASSE 1002-2015/ASME A112.1002-2015/CSA B125.12-15 | Anti-Siphon Fill Valves for Water Closet Tanks | 2.2.10.10.(2) |
| ASSE | ASSE 1016-2011/ASME 112.1016-2011/CSA B125.16-11 | Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations | A-2.2.10.6.(3) |
| ASSE | ASSE 1037-2015/ASME A112.1037-2015/CSA B125.37-15 | Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures | 2.2.10.8.(1) |
| ASSE | 1051-2009G | Individual and Branch Type Air Admittance Valves (AAVs) for Sanitary Drainage Systems | 2.2.10.16.(1) |
| ASSE/IAPMO/ANSI | 12080-2020 | Professional Qualifications Standard for <i>Legionella</i> Water Safety and Management Personnel | A-1.6.9.4.(1) of Division C |
| ASTM | A 53/A 53M-12 | Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless | 2.2.6.8.(4) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | A 182/A 182M-06 | Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service | 2.2.6.13.(1) 2.2.6.14.(1) |
| ASTM | A 269-10 | Seamless and Welded Austenitic Stainless Steel Tubing for General Service | 2.2.6.15.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | A 312/A 312M-11 | Seamless, Welded, and Heavily Cold Worked Stainless Steel Pipes | 2.2.6.11.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | A 351/A 351M-10 | Castings, Austenitic, for Pressure-Containing Parts | 2.2.6.14.(1) |
| ASTM | A 403/A 403M-11 | Wrought Austenitic Stainless Steel Piping Fittings | 2.2.6.12.(1) |
| ASTM | A 518/A 518M-99 | Corrosion-Resistant High-Silicon Iron Castings | 2.2.8.1.(1) |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|----------------|--------------------------------|---|--|
| ASTM | B 32-08 | Solder Metal | 2.2.9.2.(1) |
| ASTM | B 42-10 | Seamless Copper Pipe, Standard Sizes | 2.2.7.1.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | B 43-14 | Seamless Red Brass Pipe, Standard Sizes | 2.2.7.1.(2) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | B 88-09 | Seamless Copper Water Tube | 2.2.7.4.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | B 306-13 | Copper Drainage Tube (DWV) | 2.2.7.4.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | B 813-10 | Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube | 2.2.9.2.(3) |
| ASTM | B 828-02 | Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings | 2.3.2.4.(1) |
| ASTM | C 1053-00 | Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications | 2.2.8.1.(1) |
| ASTM | D 2466-13 | Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 | 2.2.5.7.(2) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | D 2467-13a | Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 | 2.2.5.7.(2) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | D 3138-04 | Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components | A-2.2.5.9. to 2.2.5.11. |
| ASTM | D 3261-12e1 | Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing | 2.2.5.4.(3) |
| ASTM | F 628-12e1 | Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core | 2.2.5.9.(1) 2.2.5.11.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | F 714-13 | Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter | 2.2.5.5.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| ASTM | F 3128-19 | Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core | 2.2.5.15.(1) |
| ASTM | F 3226 / F 3226M-19 | Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems | 2.2.7.8.(1) |
| AWS | ANSI/AWS A5.8M/A5.8:2011 | Filler Metals for Brazing and Braze Welding | 2.2.9.2.(4) |
| AWWA | M14-2004 | Recommended Practice for Backflow Prevention and Cross-Connection Control | A-2.6.2.4.(2) |
| AWWA | ANSI/AWWA C104/A21.4-13 | Cement-Mortar Lining for Ductile-Iron Pipe and Fittings | 2.2.6.5.(2) |
| AWWA | ANSI/AWWA C110/A21.10-12 | Ductile-Iron and Gray-Iron Fittings | 2.2.6.5.(3) |
| AWWA | ANSI/AWWA C111/A21.11-12 | Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings | 2.2.6.5.(4) |
| AWWA | ANSI/AWWA C151/A21.51-09 | Ductile-Iron Pipe, Centrifugally Cast | 2.2.6.5.(1) A-2.2.5., 2.2.6. and 2.2.7. |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
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| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|----------------|--------------------------------|--|---|
| AWWA | ANSI/AWWA C228-08 | Stainless-Steel Pipe Flanges for Water Service – Sizes 2 in. through 72 in. (50 mm through 1,800 mm) | 2.2.6.13.(1) |
| BC | B.C. Reg. 296/2010 | Pool Regulation | 1.4.1.2.(1) of Division A |
| CCBFC | NRCC 56191 | National Energy Code of Canada for Buildings 2015 | A-2.2.1.1.(1) ⁽³⁾ A-3.2.1.1.(1) ⁽³⁾ |
| CoV | | Book I (General) of the By-law | 1.1.1.1.(3) ⁽³⁾ 1.4.1.2.(1) ⁽³⁾ 2.1.3.1.(1) 2.2.5.11.(2) 2.2.5.11.(3) 2.2.6.8.(3) 2.4.3.1.(1) 2.4.10.4.(1) A-2.2.1.1.(1) ⁽³⁾ A-2.2.5., 2.2.6. and 2.2.7. A-2.4.10. A-2.4.10.4.(1) A-3.2.1.1.(1) ⁽³⁾ |
| CoV | | Engineering Design Manual ⁽⁴⁾ | 2.4.2.5.(3) |
| CoV | | Fire By-law ⁽⁴⁾ | 2.5.5.2. A-2.2.1.1.(1) ⁽³⁾ A-3.2.1.1.(1) ⁽³⁾ |
| CoV | | Sewer and Watercourse By-law ⁽⁴⁾ | 2.4.4.2.(1) |
| CoV | | Standards of Maintenance By-law ⁽⁴⁾ | A-2.4.2.4.(2) |
| CoV | | Street and Traffic By-law ⁽⁴⁾ | A-2.4.2.4.(2) |
| CoV | | Water Works By-law ⁽⁴⁾ | 2.6.2.1.(3) |
| CSA | A60.1-M1976 | Vitrified Clay Pipe | 2.2.5.3.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | A60.3-M1976 | Vitrified Clay Pipe Joints | 2.2.5.3.(2) |
| CSA | A257.1-14 | Non-Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings | 2.2.5.2.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | A257.2-14 | Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings | 2.2.5.2.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | A257.3-14 | Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets | 2.2.5.2.(2) |
| CSA | A257.4-14 | Precast Reinforced Circular Concrete Manhole Sections, Catch Basins, and Fittings | 2.2.5.2.(5) |
| CSA | CAN/CSA-B45 Series-02 | Plumbing Fixtures | 2.2.2.2.(1) |
| CSA | B45.5-11/IAPMO Z124-2011 | Plastic Plumbing Fixtures | 2.2.2.2.(1) |
| CSA | CAN/CSA-B45.9-02 | Macerating Systems and Related Components | 2.2.2.2.(1) |
| CSA | B64.0-11 | Definitions, General Requirements, and Test Methods for Vacuum Breakers and Backflow Preventers | 2.2.10.10.(1) |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|----------------|--------------------------------|--|---|
| CSA | B64.1.1-11 | Atmospheric Vacuum Breakers (AVB) | 2.2.10.10.(1) |
| CSA | B64.1.2-11 | Pressure Vacuum Breakers (PVB) | 2.2.10.10.(1) |
| CSA | B64.1.3-11 | Spill-Resistant Pressure Vacuum Breakers (SRPVB) | 2.2.10.10.(1) |
| CSA | B64.2-11 | Hose Connection Vacuum Breakers (HCVB) | 2.2.10.10.(1) |
| CSA | B64.2.1-11 | Hose Connection Vacuum Breakers (HCVB) with Manual Draining Feature | 2.2.10.10.(1) |
| CSA | B64.2.2-11 | Hose Connection Vacuum Breakers (HCVB) with Automatic Draining Feature | 2.2.10.10.(1) |
| CSA | B64.3-11 | Dual Check Valve Backflow Preventers with Atmospheric Port (DCAP) | 2.2.10.10.(1) |
| CSA | B64.4-11 | Reduced Pressure Principle (RP) Backflow Preventers | 2.2.10.10.(1) |
| CSA | B64.4.1-11 | Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF) | A-2.6.2.4.(2) |
| CSA | B64.5-11 | Double Check Valve (DCVA) Backflow Preventers | 2.2.10.10.(1) |
| CSA | B64.5.1-11 | Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF) | A-2.6.2.4.(2) |
| CSA | B64.6-11 | Dual Check Valve (DuC) Backflow Preventers | 2.2.10.10.(1) |
| CSA | B64.6.1-11 | Dual Check Valve Backflow Preventers for Fire Protection Systems (DuCF) | A-2.6.2.4.(2) |
| CSA | B64.7-11 | Laboratory Faucet Vacuum Breakers (LFVB) | 2.2.10.10.(1) |
| CSA | B64.8-11 | Dual Check Valve Backflow Preventers with Intermediate Vent (DuCV) | 2.2.10.10.(1) |
| CSA | B64.9-11 | Single Check Valve Backflow Preventers for Fire Protection Systems (SCVAF) | A-2.6.2.4.(2) |
| CSA | B64.10-11 | Selection and Installation of Backflow Preventers | 2.6.2.1.(3) |
| CSA | B64.10.1-11 | Maintenance and Field Testing of Backflow Preventers | A-2.6.2.1.(3) |
| CSA | B70-12 | Cast Iron Soil Pipe, Fittings, and Means of Joining | 2.2.6.1.(1) 2.4.6.4.(2) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | B70.1-03 | Frames and Covers for Maintenance Holes and Catchbasins | 2.2.6.2.(1) |
| CSA | B125.3-12 | Plumbing Fittings | 2.2.10.6.(1) 2.2.10.7.(2) A-2.6.1.11.(1) |
| CSA | CAN/CSA-B127.3-18 | Fibrocement Drain, Waste, and Vent Pipe and Pipe Fittings | 2.2.5.1.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B128.1-06 | Design and Installation of Non-Potable Water Systems | 2.7.2.1.(1) 2.7.4.1.(7) 2.7.5.2.(1)(c) 2.7.8.2.(2) |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|----------------|--------------------------------|--|--|
| CSA | CAN/CSA-B137.1-13 | Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services | 2.2.5.4.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B137.2-13 | Polyvinylchloride (PVC) Injection-Moulded Gasketed Fittings for Pressure Applications | 2.2.5.7.(3) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B137.3-13 | Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications | 2.2.5.7.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B137.5-13 | Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications | 2.2.5.6.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.6.(1) |
| CSA | CAN/CSA-B137.6-13 | Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing, and Fittings for Hot- and Cold-Water Distribution Systems | 2.2.5.8.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.9. to 2.2.5.11. |
| CSA | CAN/CSA-B137.9-13 | Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems | 2.2.5.12.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.12.(1) |
| CSA | CAN/CSA-B137.10-13 | Crosslinked Polyethylene/Aluminum/ Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems | 2.2.5.12.(4) 2.2.5.13.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.13.(1) |
| CSA | CAN/CSA-B137.11-13 | Polypropylene (PP-R) Pipe and Fittings for Pressure Applications | 2.2.5.14.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.14.(1) |
| CSA | B158.1-1976 | Cast Brass Solder Joint Drainage, Waste and Vent Fittings | 2.2.10.1.(1) |
| CSA | CAN/CSA-B181.1-11 | Acrylonitrile-Butadiene-Styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings | 2.2.5.9.(1) 2.2.5.10.(1) 2.2.5.11.(1) 2.4.6.4.(2) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.9. to 2.2.5.11. |
| CSA | CAN/CSA-B181.2-11 | Polyvinylchloride (PVC) and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings | 2.2.5.9.(1) 2.2.5.10.(1) 2.2.5.11.(1) 2.2.5.15.(1) 2.2.5.15.(2) 2.4.6.4.(2) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.9. to 2.2.5.11. |
| CSA | CAN/CSA-B181.3-11 | Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems | 2.2.8.1.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B182.1-11 | Plastic Drain and Sewer Pipe and Pipe Fittings | 2.2.5.9.(1) 2.4.6.4.(2) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B182.2-11 | PSM Type Polyvinylchloride (PVC) Sewer Pipe and Fittings | 2.2.5.9.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B182.4-11 | Profile Polyvinylchloride (PVC) Sewer Pipe and Fittings | 2.2.5.9.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-B182.6-11 | Profile Polyethylene (PE) Sewer Pipe and Fittings For Leak-Proof Sewer Applications | 2.2.5.9.(1) A-2.2.5., 2.2.6. and 2.2.7. |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference |
|----------------|---|---|--|
| CSA | CAN/CSA-B182.8-11 | Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings | 2.2.5.9.(1) |
| CSA | B242-05 | Groove- and Shoulder-Type Mechanical Pipe Couplings | 2.2.10.4.(1) |
| CSA | B272-93 | Prefabricated Self-Sealing Roof Vent Flashings | 2.2.10.14.(2) |
| CSA | CAN/CSA-B356-10 | Water Pressure Reducing Valves for Domestic Water Supply Systems | 2.2.10.12.(1) |
| CSA | B481.0-12 | Material, Design, and Construction Requirements for Grease Interceptors | 2.2.3.2.(3) |
| CSA | B481.3-12 | Sizing, Selection, Location, and Installation of Grease Interceptors | 2.2.3.2.(3) |
| CSA | B481.4-12 | Maintenance of Grease Interceptors | A-2.2.3.2.(3) |
| CSA | CAN/CSA-B602-10 | Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe | 2.2.10.4.(2) |
| CSA | CAN/CSA-F379 SERIES-09 (excluding Supplement F379S1-11) | Packaged Solar Domestic Hot Water Systems (Liquid-to-Liquid Heat Transfer) | 2.2.10.13.(1) |
| CSA | CAN/CSA-F383-08 | Installation of Packaged Solar Domestic Hot Water Systems | 2.6.1.8.(1) |
| CSA | F280-12 | Determining the Required Capacity of Residential Space Heating and Cooling Appliances | 1.4.1.2.(1) of Division A |
| CSA | G401-14 | Corrugated Steel Pipe Products | 2.2.6.9.(1) A-2.2.5., 2.2.6. and 2.2.7. |
| CSA | CAN/CSA-Z317.13-17 | Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities | A-2.2.11.6.(9) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Clothes Washers ⁽⁴⁾ | 2.2.11.1.(1) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Residential Dishwashers ⁽⁴⁾ | 2.2.11.1.(1) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Commercial Dishwashers ⁽⁴⁾ | 2.2.11.1.(1) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Automatic Commercial Ice Makers ⁽⁴⁾ | 2.2.11.1.(1) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Commercial Steam Cookers ⁽⁴⁾ | 2.2.11.1.(1) |
| EPA | | ENERGY STAR® Program Requirements: Product Specification for Commercial Ovens ⁽⁴⁾ | 2.2.11.1.(1) |
| IAPMO | | Water Demand Calculator ⁽⁴⁾ | 2.6.3.1.(2) 2.6.3.2.(5) 2.6.3.4.(2) 2.7.6.2.(2) |

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Table 1.3.1.2. (continued)
Documents Referenced in Book II (Plumbing Systems) of the Building By-law
 Forming Part of Sentence 1.3.1.2.(1)

| Issuing Agency | Document Number ⁽¹⁾ | Title of Document ⁽²⁾ | By-law Reference | |
|--------------------|---|---|--|------------------------|
| IAPMO/ANSI/ CAN | Z1117-2022 | Press Connections | 2.2.7.8.(1) | Rev. 13623 |
| ISO | 11731:2017 | Water Quality — Enumeration of <i>Legionella</i> | 2.2.1.7.(2) | Rev. 12717 |
| ISO/IEC | 17025:2017 | General Requirements for the Competence of Testing and Calibration Laboratories | 2.2.1.7.(2) | |
| McGraw-Hill | 2009 | International Plumbing Codes Handbook | A-2.6.3. | |
| NFPA | 13D-2013 | Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes | 2.6.2.4.(1) 2.6.3.1.(3) | |
| NIST | Building Materials and Structures Report BMS-79, 1941 | Water-Distributing Systems for Buildings | A-2.6.3. | |
| NSF/ANSI | 14 - 2017 | Plastics Piping System Components and Related Materials | 2.7.2.1.(2) | Rev. 13259 |
| NSF/ANSI | 55-2019 | Ultraviolet Microbiological Water Treatment Systems | 2.2.11.3.(3) | Rev. 12717 |
| NSF/ANSI | 61 – 2016 | Drinking Water System Components – Health Effects | 2.2.6.11.(1) 2.2.6.12.(1) 2.2.6.13.(1) 2.2.6.14.(1) 2.2.6.15.(1) 2.2.6.17.(1) | Rev. 13259 |
| PSPC | MD 15161-2013 | Control of <i>Legionella</i> in Mechanical Systems | A-2.2.11.6.(8) A-2.2.11.6.(9) | Rev. 12717 13259 |
| TIAC | 2013 | Mechanical Insulation Best Practices Guide | A-2.3.5.4. | |
| ULC | CAN/ULC-S114-05 | Test for Determination of Non-Combustibility in Building Materials | 1.4.1.2.(1) ⁽³⁾ | |

Notes to Table 1.3.1.2.:

- (1) Some documents may have been reaffirmed or reapproved. Check with the applicable issuing agency for up-to-date information.
 (2) Some titles have been abridged to omit superfluous wording.
 (3) By-law reference is in Division A.
 (4) The current version in effect.

1.3.2. Organizations

1.3.2.1. Abbreviations of Proper Names

- 1) The abbreviations of proper names in this By-law shall have the meanings assigned to them in this Article.

ANSI American National Standards Institute (www.ansi.org)

ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers (www.ashrae.org)

ASME American Society of Mechanical Engineers (www.asme.org)

ASPE American Society of Plumbing Engineers (www.aspe.org)

ASSE American Society of Sanitary Engineering (www.asse-plumbing.org)

ASTM American Society for Testing and Materials International (www.astm.org)

AWS American Welding Society (www.aws.org)

AWWA American Water Works Association (www.awwa.org)

BC Province of British Columbia (gov.bc.ca)

CAN National Standard of Canada designation

CCBFC Canadian Commission on Building and Fire Codes (see NRC)

- CGSB**Canadian General Standards Board (www.tpsgc-pwgsc.gc.ca/ongc-cgsb/index-eng.html)
- CoV**City of Vancouver (www.vancouver.ca)
- CSA**CSA Group (www.csagroup.org)
- EPA**United States Environmental Protection Agency (www.epa.gov)
- IAPMO**International Association of Plumbing and Mechanical Officials (www.iapmo.org)
- IEC**International Electrotechnical Commission (www.iec.ch)
- ISO**International Organization for Standardization (www.iso.org)
- NBC**National Building Code of Canada 2015
- NFC**National Fire Code of Canada 2015
- NFPA**National Fire Protection Association (www.nfpa.org)
- NIST**National Institute of Standards and Technology (www.nist.gov)
- NPC**National Plumbing Code of Canada 2015
- NRC**National Research Council of Canada (www.nrc-cnrc.gc.ca)
- NRC-IRC**National Research Council of Canada, Institute for Research in Construction
(former name of NRC Construction)
- NSF**NSF International (www.nsf.org)
- PSPC**Public Services and Procurement Canada (www.tpsgc-pwgsc.gc.ca)
- ULC**ULC Standards (canada.ul.com/ulcstandards)

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