

## 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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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**  
 Forming Part of Sentence 1.3.1.2.(1)

Issuing Agency	Document Number <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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) <sup>(3)</sup> A-3.2.1.1.(1) <sup>(3)</sup>
CoV		Book I (General) of the By-law	1.1.1.1.(3) <sup>(3)</sup> 1.4.1.2.(1) <sup>(3)</sup> 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) <sup>(3)</sup> 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) <sup>(3)</sup>
CoV		Fire By-law <sup>(4)</sup>	2.5.5.2. A-2.2.1.1.(1) <sup>(3)</sup> A-3.2.1.1.(1) <sup>(3)</sup>
CoV		Sewer and Watercourse By-law <sup>(4)</sup>	2.4.4.2.(1)
CoV		Standards of Maintenance By-law <sup>(4)</sup>	A-2.4.2.4.(2)
CoV		Street and Traffic By-law <sup>(4)</sup>	A-2.4.2.4.(2)
CoV		Water Works By-law <sup>(4)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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 <sup>(4)</sup>	2.2.11.1.(1)
EPA		ENERGY STAR® Program Requirements: Product Specification for Residential Dishwashers <sup>(4)</sup>	2.2.11.1.(1)
EPA		ENERGY STAR® Program Requirements: Product Specification for Commercial Dishwashers <sup>(4)</sup>	2.2.11.1.(1)
EPA		ENERGY STAR® Program Requirements: Product Specification for Automatic Commercial Ice Makers <sup>(4)</sup>	2.2.11.1.(1)
EPA		ENERGY STAR® Program Requirements: Product Specification for Commercial Steam Cookers <sup>(4)</sup>	2.2.11.1.(1)
EPA		ENERGY STAR® Program Requirements: Product Specification for Commercial Ovens <sup>(4)</sup>	2.2.11.1.(1)
IAPMO		Water Demand Calculator <sup>(4)</sup>	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 <sup>(1)</sup>	Title of Document <sup>(2)</sup>	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) <sup>(3)</sup>	

**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](http://www.ansi.org))

ASHRAE . . . . . American Society of Heating, Refrigerating and Air-Conditioning Engineers ([www.ashrae.org](http://www.ashrae.org))

ASME . . . . . American Society of Mechanical Engineers ([www.asme.org](http://www.asme.org))

ASPE . . . . . American Society of Plumbing Engineers ([www.aspe.org](http://www.aspe.org))

ASSE . . . . . American Society of Sanitary Engineering ([www.asse-plumbing.org](http://www.asse-plumbing.org))

ASTM . . . . . American Society for Testing and Materials International ([www.astm.org](http://www.astm.org))

AWS . . . . . American Welding Society ([www.aws.org](http://www.aws.org))

AWWA . . . . . American Water Works Association ([www.awwa.org](http://www.awwa.org))

BC . . . . . Province of British Columbia ([gov.bc.ca](http://gov.bc.ca))

CAN . . . . . National Standard of Canada designation

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



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

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