

Summary

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Acts 2020

Erratum

Bill 32

(2020, chapter 12)

An Act mainly to promote the efficiency of penal justice and to establish the terms governing the intervention of the Court of Québec with respect to applications for appeal

Gazette officielle du Québec, Part 2, 12 August 2020, Vol. 152, No. 33, page 2157.

In view of the motion to renumber Bill 32, duly adopted by the National Assembly on 3 June 2020, section 173 of the Act mainly to promote the efficiency of penal justice and to establish the terms governing the intervention of the Court of Québec with respect to applications for appeal, as published in the *Gazette officielle du Québec*, Part 2, 12 August 2020, is to be read as if, in paragraph 1, ", 64 and 74" were replaced by "and 64, paragraph 1 of section 74".

104618

Regulations and other Acts

Gouvernement du Québec

O.C. 945-2020, 9 September 2020

An Act respecting occupational health and safety (chapter S-2.1)

Occupational health and safety in mines —Amendment

Regulation to amend the Regulation respecting occupational health and safety in mines

WHEREAS, under subparagraphs 7, 14 and 19 of the first paragraph of section 223 of the Act respecting occupational health and safety (chapter S-2.1), the Commission des normes, de l'équité, de la santé et de la sécurité du travail may make regulations, in particular,

- —prescribing standards applicable to every establishment in view of ensuring the health, safety and physical well-being of workers;
- —indicating the cases or circumstances in which new construction or alterations to existing installations must not be undertaken without prior transmission to the Commission of the architect's or engineer's plans and specifications, and indicating the time, terms and conditions of their transmission; prescribing standards of construction, development, maintenance and demolition;
- —prescribing standards respecting the safety of such products, processes, equipment, materials, contaminants or dangerous substances as it specifies, indicating the directions for their use, maintenance and repair, and prohibiting or restricting their use;

WHEREAS, under the third paragraph of section 223 of the Act, a regulation may refer to an approval, certification or homologation of the Bureau de normalisation du Québec or of another standardizing body;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), a draft Regulation to amend the Regulation respecting occupational health and safety in mines was published in Part 2 of the *Gazette officielle du Québec* of 8 January 2020 with a notice that it could be made by the Commission and submitted to the Government for approval on the expiry of 45 days following that publication;

WHEREAS the Commission made the Regulation to amend the Regulation respecting occupational health and safety in mines with amendment at its sitting of 18 June 2020;

WHEREAS, under section 224 of the Act respecting occupational health and safety, every draft regulation made by the Commission under section 223 must be submitted to the Government for approval;

WHEREAS it is expedient to approve the Regulation;

IT IS ORDERED, therefore, on the recommendation of the Minister of Labour, Employment and Social Solidarity:

THAT the Regulation to amend the Regulation respecting occupational health and safety in mines, attached to this Order in Council, be approved.

YVES OUELLET, Clerk of the Conseil exécutif

Regulation to amend the Regulation respecting occupational health and safety in mines

An Act respecting occupational health and safety (chapter S-2.1, s. 223, 1st par., subpars. 7, 14, 19, and 3rd par.)

- **1.** The Regulation respecting occupational health and safety in mines (chapter S-2.1, r. 14) is amended in section 2 by striking out "481" in the second paragraph.
- **2.** Section 17 is amended by striking out "pressurized" in paragraph 1.
- **3.** Section 28.01 is replaced by the following:

"28.01. In order to ensure stability, no excavation work shall be undertaken in an underground mine or an openpit mine without obtaining the plans and specifications of an engineer.

In an underground mine, the plans and specifications shall be updated by an engineer as the work progresses and be available at all times on the site of the mine.

In an open-pit mine, the plans and specifications shall be updated by an engineer according to the frequency the engineer determines and be available at all times on the site of the mine when work is being undertaken.

This section does not apply to a sand pit or to gravel operations.".

- **4.** Section 439 is amended by replacing subparagraph 1 of the first paragraph by the following:
- "(1) 150 mm (5.9 in) from the bottoms of drill holes that have been loaded and blasted;".
- **5.** Section 476 is amended by replacing "as well as with CAN3-M421-M85 Use of Electricity in Mines" at the end by "as well as with CSA Standard M421-11, Use of electricity in mines, as published in November 2011, with the exception of the definition of mine and of what is provided for in the following provisions:
 - —in open-pit mines and quarries:
- (1) 5.4.7.2 related to the emergency stop for mobile electrical equipment.
 - —in underground mines:
- (1) 6.2.1.6 (a) related to the protection of insulated phase conductors in mineshaft cables;
- (2) 6.9.3.6 related to the activation of the protective circuit in a hoist drum;
- (3) 6.9.12 (b) related to the emergency stop for a conveyance hoisting system.".
- **6.** Subdivision 2 of Division XI, comprising sections 481 to 484, is revoked.
- **7.** This Regulation comes into force on 8 October 2020, except section 3, which comes into force on 8 April 2021.

104621

Draft Regulations

Draft Regulation

Building Act (chapter B-1.1)

Construction Code —Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the draft Regulation to amend the Construction Code, appearing below, may be approved by the Government, with or without amendment, on the expiry of 45 days following this publication.

The draft Regulation replaces Chapter III, Plumbing, of the Construction Code (chapter B-1.1, r. 2) in order to incorporate by reference the 2015 edition of the National Plumbing Code of Canada 2015 (NPC), with amendments to reflect the specific needs of Québec. The draft Regulation also provides for the extension of most of the Québec amendments made to the previous edition.

The new provisions should result in estimated savings of \$27,549,052 on building costs for plumbing systems over five years. Study of the matter has shown no other significant impact on the public and on enterprises.

Further information on the draft Regulation may be obtained by contacting Yves Duchesne, engineer, Direction générale de la réglementation et de l'expertiseconseil, Régie du bâtiment du Québec, 800, place D'Youville, 15e étage, Québec (Québec) G1R 5S3; telephone: 418 644-9590; fax: 418 646-9280; email: yves.duchesne@rbq.gouv.qc.ca.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to Caroline Hardy, Acting Secretary General and Director of Institutional Affairs, Régie du bâtiment du Québec, 800, place D'Youville, 16e étage, Québec (Québec) G1R 5S3; email: projet.reglement. commentaires@rbq.gouv.qc.ca.

ANDRÉE LAFOREST, Minister of Municipal Affairs and Housing

Regulation to amend the Construction Code

Building Act (chapter B-1.1, ss. 173, 176, 176.1, 178, 179, 185, pars. 0.1, 0.2, 3, 6.2, 6.3, 7, 20, 21, 24, 36, 37 and 38, and s. 192).

1. The Construction Code (chapter B-1.1, r. 2) is amended by replacing Chapter III by the following:

"CHAPTER III

PLUMBING

DIVISION I

SCOPE

3.01. In this Chapter, unless the context indicates otherwise, "Code" means the "National Plumbing Code of Canada 2015" (NRCC 56193), published by the Canadian Commission on Building and Fire Codes, National Research Council of Canada, as well as all subsequent amendments that may be published by that organization.

That Code is incorporated by reference into this Chapter subject to the amendments provided for in sections 3.04 to 3.06.

Despite the foregoing, amendments to that edition published after (*insert the date of coming into force of this Regulation*) apply to construction work on a plumbing system only from the last day of the sixth month following the publication of the French and English versions of those amendments. If those versions are not published at the same time, the 6-month period runs from the date of publication of the last version.

The third paragraph does not apply to errata, which take effect as soon as they are published by the Canadian Commission on Building and Fire Codes.

- **3.02.** Subject to the amendments made by this Chapter, the Code applies to all construction work on a plumbing system in
- (1) a building to which the Building Act (chapter B-1.1) applies; or
- (2) a facility intended for use by the public that is a tent or exterior inflatable structure to which Chapter I of the Construction Code (chapter B-1.1, r. 2) applies and is used
- (a) as residential occupancies or care, treatment or detention occupancies whose floor area is 100 m² or more, or
- (b) as assembly occupancies or mercantile occupancies whose floor area is more than $150\ m^2$ or whose load capacity is more than $60\ persons$.

For the purposes of this section, the definitions of "plumbing system" and "building" are those provided for in the Code, as adopted by this Chapter. In addition, the definitions of the following terms are those provided for in the National Building Code, as adopted by Chapter I of the Construction Code: "tent", "inflatable structure", "residential occupancy", "care occupancy", "treatment occupancy", "detention occupancy", "floor area", "assembly occupancy", "mercantile occupancy".

3.03. Unless otherwise provided for, a reference in this Chapter to a standard or code is a reference to that standard or code as adopted by the chapter of the Construction Code (chapter B-1.1, r. 2) or Safety Code (chapter B-1.1, r. 3) that refers to it.

DIVISION II

AMENDMENTS TO THE CODE

- 3.04. The Code is amended in Division A
- (1) by replacing Article 1.1.1.1. by the following:

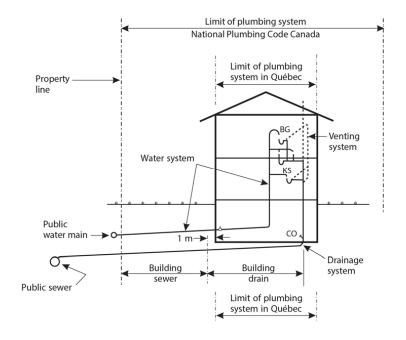
"1.1.1.1. Application of this Code

- (1) The NPC applies to the construction work performed on a *plumbing system* in every *building* and facility intended for use by the public as provided in section 3.02 of Chapter III of the *Construction Code* made pursuant to the Building Act (chapter B-1.1).
- (2) In accordance with the NBC, every *building* shall, except as provided in Sentence (3), have plumbing facilities.
- (3) If a hot water system is required under the NBC, the facility shall provide an adequate hot water supply.";
- (2) by replacing Clause (b) of Sentence (1) in Article 1.2.1.1. by the following:
- "(b) using alternative solutions that will achieve at least the minimum level of performance required by Division B in the areas defined by the objectives and functional statements attributed to the applicable acceptable solutions approved by the Régie du bâtiment in accordance with section 127 of the Building Act (chapter B-1.1) (see Note A-1.2.1.1.(1)(b).).";
- (3) in Sentence (1) of Article 1.4.1.2.,
 - (a) by inserting the following after the definition of "Combustible":

"Construction Code means the Construction Code (chapter B-1.1, r. 2) made pursuant to the Building Act (chapter B-1.1).";

- (b) by inserting ", retention pit" after "sump" in the definition of "Storm building drain";
 - (c) by replacing the definition of "Potable" by the following:
 - "Potable means water intended for human consumption.";
 - (d) by replacing the definition of "Public use" by the following:
- "Public use (as applying to the classification of plumbing fixtures) means fixtures installed in locations other than those designated as private use.";
- (4) by inserting "PE-RT.....high temperature polyethylene" after "PEX.....crosslinked polyethylene" in Sentence (1) of Article 1.4.2.1.;
- (5) by replacing Figure A-1.4.1.2.(1)-G in note A-1.4.1.2.(1) by the following:

Figure A-1.4.1.2.(1)-G Plumbing System



- (6) in Sentence (1) of Article 3.2.1.1.,
- (a) by inserting the following after the functional statement "F21 To limit or accommodate dimensional change.":
 - "F23 To maintain equipment in place during structural movement.";
- (b) by inserting the following after the functional statement "**F46** To minimize the risk of contamination of *potable* water.":
- **"F60** To control the accumulation and pressure of surface water, groundwater and sewage.
- **F61** To resist the ingress of precipitation, water or moisture from the exterior or from the ground.".
- 3.05. The Code is amended in Division B,
- (1) by replacing Table 1.3.1.2. in Sentence 1 of Article 1.3.1.2. by the following:

"

Table 1.3.1.2.

Documents Referenced in the National Plumbing Code of Canada 2015

Forming Part of Sentence 1.3.1.2.(1)

Issuing agency	Document Number (1)	Title of Document (2)	Code reference
ANSI/CSA	ANSI Z21.10.1- 2017/CSA 4.1- 2017	Gas Water Heaters – Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less	2.2.10.13.(1)
ANSI/CSA	ANSI Z21.10.3- 2017/CSA 4.3- 2017	Gas Water Heaters – Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous	2.2.10.13.(1)
ANSI/CSA	ANSI Z21.22- 2015/CSA 4.4- 2015	Relief Valves for Hot Water Supply Systems	2.2.10.11.(1)
ANSI/UL/ULC	ANSI/CAN/UL/ULC 1201:2016	Sensor Operated Backwater Prevention Systems	2.2.10.18.(1)
ASHRAE	2013	ASHRAE Handbook – Fundamentals	A-2.6.3.1.(2)
ASHRAE	2011	ASHRAE Handbook – HVAC Applications	A-2.6.3.1.(2)
ASME/CSA	ASME A112.3.4- 2013/CSA B45.9- 13	Plumbing fixtures with pumped waste and macerating toilet systems	2.2.2.2.(1)
ASME/CSA	ASME A112.4- 2015/CSA B45.16- 15	Personal Hygiene Devices for Water Closets	2.2.2.2.(1)

ASME/CSA	ASME A112.4.14- 2017/CSA B125.14-17	Manually Operated Valves for use in Plumbing Systems	2.2.10.6.(1)
ASME/CSA	ASME A112.18.1- 2018/CSA B125.1- 18	Plumbing Supply Fittings	2.2.10.6.(1) 2.2.10.7.(1) 2.2.10.7.(4)
ASME/CSA	ASME A112.18.2- 2015/CSA B125.2- 15	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	2.2.10.6.(1)
ASME/CSA	ASME A112.19.1- 2018/CSA B45.2- 18	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures	2.2.2.2.(1)
ASME/CSA	ASME A112.19.2- 2018/CSA B45.1- 18	Ceramic Plumbing Fixtures	2.2.2.2.(1)
ASME/CSA	ASME A112.19.3- 17/CSA B45.4-17	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	A112.6.1M-1997	Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use	2.2.6.1.(3)
ASME	A112.6.2-2000	Framing-Affixed Supports for Off-the- Floor Water Closets with Concealed Tanks	2.2.6.1.(3)
ASME	A112.6.4-2003	Roof, Deck, and Balcony Drains	2.2.10.20.(1)
ASME	B16.3-2016	Malleable-Iron Threaded Fittings: Classes 150 and 300	2.2.6.6.(1) A-2.2.5., 2.2.6. and 2.2.7.
ASME	B16.4-2016	Gray Iron Threaded Fittings: Classes 125 and 250	2.2.6.5.(1) A-2.2.5., 2.2.6. and 2.2.7.
ASME	B16.5-2017	Pipe Flanges and Flanged Fittings: NPS ½ Through NPS 24 Metric/Inch Standard	2.2.6.12.(1)
ASME	B16.9-2012	Factory-Made Wrought Buttwelding Fittings	2.2.6.11.(1) 2.2.6.14.(1)
ASME	B16.12-2009	Cast Iron Threaded Drainage Fittings	2.2.6.3.(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.
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	B16.23-2016	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	B16.24-2016	Cast Copper Alloy Pipe Flanges, Flanged Fittings and Valves: 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	B31.9-2014	Building Services Piping	2.3.2.8.(1)
ASME	B36.19M-2004	Stainless Steel Pipe	2.2.6.10.(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)
ASSE	ANSI/ASSE 1010- 2004	Water Hammer Arresters	2.2.10.15.(1)
ASSE/ASME/CSA	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- 2017/ASME 112.1016- 2017/CSA B125.16-17	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	A-2.2.10.6.(3)
ASSE	1051-2009G	Individual and Branch Type Air Admittance Valves (AAVs) for Sanitary Drainage Systems	2.2.10.16.(1)
ASSE	1061-2015	Performance Requirements for Push-Fit Fittings	2.2.7.9.(1)
ASSE	1072-2007	Performance Requirements for Barrier Type Floor Drain Trap Seal Protection	2.2.10.23.(1)

ASSE/ASME/CSA	ASSE 1037- 2015/ASME A112.1037- 2015/CSA B125.37-15	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures	2.2.10.6.(1)
ASSE/ASME/CSA	ASSE 1070- 2015/ASME A112.1070- 2015/CSA B125.70-15	Performance Requirements for Water Temperature Limiting Devices	2.2.10.6.(1) 2.2.10.7.(2) 2.2.10.7.(5)
ASTM	A 53/A 53M-12	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	2.2.6.7.(4) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	A 182/A 182M-18a	Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service	2.2.6.12.(1) 2.2.6.13.(1)
ASTM	A 269/A 269M-15a	Seamless and Welded Austenitic Stainless Steel Tubing for General Service	2.2.6.14.(1) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	A 312/A 312M-17	Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	2.2.6.10.(1) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	A 351/A 351M-16	Castings, Austenitic, for Pressure- Containing Parts	2.2.6.13.(1)
ASTM	A 403/A 403M-16	Wrought Austenitic Stainless Steel Piping Fittings	2.2.6.11.(1)
ASTM	A 518/A 518M-99	Corrosion-Resistant High-Silicon Iron Castings	2.2.8.1.(1)
ASTM	B 32-08	Solder Metal	2.2.9.2.(1)
ASTM	В 42-15а	Seamless Copper Pipe, Standard Sizes	2.2.7.1.(1) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	B 43-15	Seamless Red Brass Pipe, Standard Sizes	2.2.7.1.(2) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	B 88-16	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 813-16	Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube	2.2.9.2.(3)

ASTM	B 828-16	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 2466-17	Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	2.2.5.6.(2) A-2.2.5., 2.2.6. and 2.2.7.
ASTM	D 2467-15	Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	2.2.5.6.(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-2.2.5.8. to 2.2.5.10.
ASTM	D 3261-16	Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	2.2.5.3.(3)
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AWS	ANSI/AWS A5.8M/A5.8:2011- AMD 1	Filler Metals for Brazing and Braze Welding	2.2.9.2.(4)
AWWA	M14-2014	Recommended Practices for Backflow Prevention and Cross-Connection Control	A-2.6.2.4.(2)
AWWA	ANSI/AWWA C104/A21.4-16	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings	2.2.6.4.(2)
AWWA	ANSI/AWWA C110/A21.10-12	Ductile-Iron and Gray-Iron Fittings	2.2.6.4.(3)
AWWA	ANSI/AWWA C111/A21.11-17	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings	2.2.6.4.(4)
AWWA	ANSI/AWWA C151/A21.51-17	Ductile-Iron Pipe, Centrifugally Cast, for water	2.2.6.4.(1) A-2.2.5., 2.2.6. and 2.2.7.
AWWA	ANSI/AWWA C228-14	Stainless-Steel Pipe Flanges for Water Service – Sizes 2 in. through 72 in. (50 mm through 1,800 mm)	2.2.6.12.(1)

DNIO	DNO 0000 100	D: (10 ()	0.0.5.4.(1)
BNQ	BNQ 2622-126- 2009	Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections for Evacuation of Domestic Wastewater and Storm Water	2.2.5.1.(1)
BNQ	NQ 3623-085- 2002	Ductile-Iron Pipe for Water Pressure Piping Systems - Characteristics and Test Methods	2.2.6.4.(1)
BNQ	BNQ 3624-027- 2016	Polyethylene (PE) Pipe for the Transport of Fluids Under Pressure	2.2.5.3.(1)
BNQ	BNQ 3624-120- 2016	Smooth Inside Wall Open-Profile Polyethylene (PE) Pipe and Polyethylene Fittings for Storm Sewers, Culverts and Soil Drainage	2.2.5.8.(1)
BNQ	BNQ 3624-130- 2015	Unplasticized Poly(Vinyl Chloride) [PVC- U] Pipe and Fittings – Pipes of 150 mm in Diameter or Smaller	2.2.5.8.(1)
BNQ	BNQ 3624-135- 2015	Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Pipes of 200 mm in Diameter or Larger for Sewage and Soil Drainage	2.2.5.8.(1)
BNQ	BNQ 3624-250- 2015	Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Rigid Pipe for Pressurized Water Supply and Distribution	2.2.5.6.(1)
CCBFC	NRCC 56190	National Building Code of Canada 2015	1.1.1.1.(2) ⁽³⁾ 1.1.1.1.(3) ⁽³⁾ 1.4.1.2.(1) ⁽³⁾ A-2.2.1.1.(1) ⁽³⁾ 2.1.3.1.(1) 2.1.4.1.(1) 2.2.5.10.(2) 2.2.5.10.(3) 2.2.6.7.(3) 2.4.3.1.(1) 2.4.10.4.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.4.10. A-2.6.3.1.(2)
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⁾
CCBFC	NRCC 56192	Naitonal Fire Code of Canada 2015	A-2.2.1.1.(1) ⁽³⁾ A-3.2.1.1.(1) ⁽³⁾ 2.5.5.2.
CSA	A60.1-M1976	Vitrified Clay Pipe	2.2.5.2.(1) A-2.2.5., 2.2.6. and 2.2.7.

CSA	A60.3-M1976	Vitrified Clay Pipe Joints	2.2.5.2.(2)
CSA	A257.1-14	Non-Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings	2.2.5.1.(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	2.2.5.1.(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	2.2.5.1.(2)
CSA	A257.4-14	Precast Reinforced Circular Concrete Manhole Sections, Catch Basins, and Fittings	2.2.5.1.(5)
CSA	CAN/CSA-B45 Series-02	Sanitary Installations	2.2.2.2.(1)
CSA	B45.11-17/IAPMO Z401-2017	Glass Plumbing Fixtures	2.2.2.2.(1)
CSA	B45.5-17/IAPMO Z124-2017	Plastic Plumbing Fixtures	2.2.2.2.(1)
CSA	B45.8-13/IAPMO Z403-2013	Terrazzo, Concrete, and Natural Stone Plumbing Fixtures	2.2.2.2.(1)
CSA	CSA B45.12- 13/IAPMO Z402- 2013	Aluminium and Copper Plumbing Fixtures	2.2.2.2.(1)
CSA	B55.2-15	Drain water heat recovery units	2.2.10.25.(1)
CSA	B64.0-11	Definitions, General Requirements, and Test Methods for Vacuum Breakers and Backflow Preventers	2.2.10.10.(1)
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	B64.1.4-11	Vacuum Breaker, Air Space Type (ASVB)	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 Dual Check Vacuum Breakers (HCDVB)	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) 2.6.2.4.(2) 2.6.2.4.(4)

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CSA	B64.4.1-11	Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)	2.6.2.4.(2) 2.6.2.4.(4) A-2.6.2.4.(2)
CSA	B64.5-11	Double Check Valve (DCVA) Backflow Preventers	2.2.10.10.(1) 2.6.2.4.(2)
CSA	B64.5.1-11	Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)	2.6.2.4.(2) A-2.6.2.4.(2)
CSA	B64.6-11	Dual Check Valve (DuC) Backflow Preventers	2.2.10.10.(1) 2.6.2.4.(2)
CSA	B64.6.1-11	Dual Check Valve Backflow Preventers for Fire Protection Systems (DuCF)	2.6.2.4.(2) 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)	2.6.2.4.(2) A-2.6.2.4.(2)
CSA	B64.10-17	Selection and Installation of Backflow Preventers	2.6.2.1.(3) 2.6.2.1.(4) 2.6.2.13.(1)
CSA	B64.10.1-17	Maintenance and field testing of backflow preventers	2.6.2.1.(4) 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) 2.2.10.18.(1) 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	B79-08	Commercial and residential drains and cleanouts	2.2.10.19.(1)
CSA	B125.3-18	Plumbing Fittings	2.2.10.6.(1) 2.2.10.7.(2) 2.2.10.7.(3) 2.2.10.7.(5) 2.2.10.21.(1) A-2.6.1.11.(1)
CSA	CSA B125.5- 11/IAPMO Z600- 11	Flexible Water Connectors With Excess Flow Shut-off Devices	2.2.10.6.(1)
CSA	CAN/CSA-B128.1- 06	Design and Installation of Non-Potable Water Systems	2.7.4.1.(1)
CSA	B137.1-17	Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services	2.2.5.3.(1) A-2.2.5., 2.2.6. and 2.2.7.

CSA	B137.2-17	Polyvinylchloride (PVC) Injection- Moulded Gasketed Fittings for Pressure Applications	2.2.5.6.(3) A-2.2.5., 2.2.6. and 2.2.7.
CSA	B137.3-17	Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications	2.2.5.6.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	B137.5-17	Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications	2.2.5.5.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.6.(1)
CSA	B137.6-17	Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing, and Fittings for Hot- and Cold-Water Distribution Systems	2.2.5.7.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.9. to 2.2.5.11.
CSA	B137.9-17	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems	2.2.5.11.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.11.(1)
CSA	B137.10-17	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems	2.2.5.11.(4) 2.2.5.12.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.12.(1)
CSA	B137.11-17	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications	2.2.5.13.(1) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.13.(1)
CSA	B137.18-17	Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications	2.2.5.14.(1) A-2.2.5.14.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	B140.12-03	Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools	2.2.10.13.(1)
CSA	B158.1-1976	Cast Brass Solder Joint Drainage, Waste and Vent Fittings	2.2.10.1.(1)
CSA	CAN/CSA-B181.1- 15	Acrylonitrile-Butadiene-Styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.8.(1) 2.2.5.9.(1) 2.2.5.10.(1) 2.2.10.18.(1) 2.4.6.4.(2)

			A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.8. to 2.2.5.10.
CSA	CAN/CSA-B181.2- 15	Polyvinylchloride (PVC) and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.8.(1) 2.2.5.9.(1) 2.2.5.10.(1) 2.2.10.18.(1) 2.4.6.4.(2) A-2.2.5., 2.2.6. and 2.2.7. A-2.2.5.8. to 2.2.5.10.
CSA	CAN/CSA-B181.3- 15	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- 15	Plastic Drain and Sewer Pipe and Pipe Fittings	2.2.5.8.(1) 2.4.6.4.(2) 2.2.10.18.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	CAN/CSA-B182.2- 15	PSM Type Polyvinylchloride (PVC) Sewer Pipe and Fittings	2.2.5.8.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	CAN/CSA-B182.4- 15	Profile Polyvinylchloride (PVC) Sewer Pipe and Fittings	2.2.5.8.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	CAN/CSA-B182.6- 15	Profile Polyethylene (PE) Sewer Pipe and Fittings for LeakProof Sewer Applications	2.2.5.8.(1) A-2.2.5., 2.2.6. and 2.2.7.
CSA	CAN/CSA-B182.8- 15	Profile polyethylene (PE) storm sewer and drainage pipe and fittings	2.2.5.8.(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 Series-12	Grease Interceptors	2.2.3.2.(3) A-2.4.4.3.(1)
CSA	B481.0-12	Material, Design, and Construction Requirements for Grease Interceptors	2.2.3.2.(3)
CSA	B481.3-12	Sizing, Selection, Locations, and Installation of Grease Interceptors	2.2.3.2.(4)

CSA	B481.4-12	Maintenance of Grease Interceptors	A-2.2.3.2.(3)
CSA	CAN/CSA-B483.1- 07	Drinking Water Treatment Systems	2.2.10.17.(1) 2.2.10.17.(2) 2.2.10.17.(3) 2.2.10.17.(4) 2.2.10.17.(5)
CSA	B602-16	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe	2.2.10.4.(2)
CSA	C22.2 nº 110-94	Construction and Test of Electric Storage-Tank Water Heaters	2.2.10.13.(1)
CSA	C22.2 nº 64-10	Household Cooking and Liquid-Heating Appliances	2.2.10.13.(1)
CSA	CAN/CSA-E60335- 2-35-01	Safety of Household and Similar Electrical Appliances - Part 2-35: Particular Requirements for Instantaneous Water Heaters	2.2.10.13.(1)
CSA	CAN/CSA-F379 SERIES-F09 (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	CAN/CSA-G401- 14	Corrugated Steel Pipe Products	2.2.6.8.(1) A-2.2.5., 2.2.6. and 2.2.7.
ISO	11143-2008	Amalgam separators	2.2.3.2.(5)
McGraw-Hill	2009	International Plumbing Codes Handbook	A-2.6.3.
MSS	SP-58-2009	Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation	2.2.10.22.(1)
NFPA	13D-2016	Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2.6.3.1.(3)
NIST	Building Materials and Structures Report BMS-79, 1941	Water-Distributing Systems for Buildings	A-2.6.3.
NSF	NSF/ANSI 53- 2016	Drinking Water Treatment Units – Health Effects	2.2.10.17.(4)
NSF	NSF/ANSI 55- 2016	Ultraviolet Microbiological Water Treatment Systems	2.2.10.17.(1)
NSF	NSF/ANSI 61- 2016	Drinking Water System Components – Health Effects	2.2.10.24.(1)
NSF	NSF/ANSI 62- 2016	Drinking Water Distillation Systems	2.2.10.17.(3)
TIAC	2013	Mechanical Insulation Best Practices Guide	A-2.3.5.3.

ULC	CAN/ULC-S114-05	Determination of Non-Combustibility in Building Materials	1.4.1.2.(1) ⁽³⁾	
ULC	CAN/ULC-S656-14	Standard for Oil-Water Separators	2.2.3.2.(6)	١

- (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) Code reference is in Division A.

".

- (2) in Sentence (1) of Article 1.3.2.1.,
- (a) by inserting the following after "AWWA...American Water Works Association (www.awwa.org)":

"BNQ...Bureau de normalisation du Québec (www.bnq.qc.ca)";

- (b) by inserting the following after "CSA...CSA Group (www.csagroup.org)":
 - "ISO...International Organization for Standardization (www.iso.org);
- MSS...Manufacturers Standardization Society of the Valve and Fittings Industry (www.mss-hq.com)";
- (c) by inserting the following after "NPC...National Plumbing Code of Canada 2015":

"NSF...NSF International (www.nsf.com)";

(3) by adding the following after Subsection 2.1.3.:

"2.1.4. Structural Movement

2.1.4.1. Structural Movement

- (1) Plumbing systems of buildings subject to Chapter I of the Construction Code and to which Part 4 of Division B of the NBC applies shall be designed and installed to accommodate the maximum relative structural movement provided for in the construction of the building. (See Article 4.1.3.5., Subsection 4.1.8., Sentence 4.1.3.3.(2) and Article A-6.2.1.4. of Division B of the NBC for information on the types of structural movements that may be encountered.)";
- (4) in Sentence (1) of Article 2.2.2.2.,
 - (a) by striking out "and" in Clause (g);
- (b) in the French text by replacing "toilettes à broyeur" in Clause (h) by "systèmes de toilettes à broyeur";
 - (c) by adding the following after Clause (h):

- "(i) toilet seats with bidet functionality shall conform to ASME A112.4/CSA B45.16, "Personal Hygiene Devices for Water Closets",
- (j) glass *lavatories* shall conform to CSA B45.11/IAPMO Z401, "Glass Plumbing Fixtures",
- (k) terrazzo, concrete or natural stone *plumbing fixtures* shall conform to CSA B45.8/IAPMO Z403, "Terrazzo, Concrete and Natural Stone Plumbing Fixtures", and
- (I) aluminum or copper *plumbing fixtures* shall conform to CSA B45.12/IAPMO Z402, "Aluminum and Copper Plumbing Fixtures".";
- (5) in Article 2.2.3.2., by replacing Sentence (3) by the following:
- "(3) Grease *interceptors* shall conform to CSA-B481 Series, "Grease Interceptors". (See Note A-2.2.3.2.(3).)
- **(4)** Grease *interceptors* shall be selected and installed in conformance with CSA B481.3, "Sizing, Selection, Location, and Installation of Grease Interceptors".
- **(5)** Amalgam *separators* shall conform to ISO 11143, "Amalgam Separators".
- **(6)** Oil *interceptors* shall conform to CAN/ULC-S656, "Standard for Oil-Water Separators".":
- (6) in Article 2.2.4.2., by replacing Sentence (1) by the following:
- "(1) Except as provided in Article 2.4.3.7., a single or double sanitary T fitting shall not be used in a *nominally horizontal* pipe, except that a single sanitary T fitting may be used to connect a *vent pipe*.";
- (7) by adding "The prohibition also applies to any combination of 45° elbows displaying the same characteristics." at the end of Sentence (1) of Article 2.2.4.3;
- (8) in Article 2.2.5.1.,
 - (a) by striking out "or" at the end of Clause (a) of Sentence (1);
- (b) by replacing "and Fittings"." in Clause (b) of Sentence (1) by "and Fittings", or";
 - (c) by adding the following after Clause (b) of Sentence (1):
- "(c) BNQ 2622-126, "Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections for Evacuation of Domestic Wastewater and Storm Water".";
- (9) in Article 2.2.5.3., by replacing Sentence (1) by the following:

- **(1)** Polyethylene water pipe, tubing, and fittings shall conform to Series 160 of
- (a) CSA-B137.1, "Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services", or
- (b) BNQ 3624-027, "Polyethylene (PE) Pipe for the Transport of Fluids Under Pressure".":
- (10) in Article 2.2.5.5., by replacing Sentence (1) by the following:
- "(1) Crosslinked polyethylene pipes and fittings approved by the manufacturer and used in hot and cold *potable water systems* shall conform to CSA-B137.5, "Cross-Linked Polyethylene (PEX) Tubing Systems for Pressure Applications" (see Note A-2.2.5.5.(1).";
- (11) in Article 2.2.5.6., by replacing Clause (a) of Sentence (1) by the following:
 - "(a) conform to
- (i) CSA-B137.3, "Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications", or
- (ii) BNQ 3624-250, "Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings Rigid Pipe for Pressurized Water Supply and Distribution".";
- (12) in Article 2.2.5.8.,
 - (a) by striking out "or" at the end of Clause (g) of Sentence (1);
- (b) by replacing "non-perforated pipes." in Clause (h) of Sentence (1) by "non-perforated pipes,";
 - (c) by adding the following after Clause (h) of Sentence (1):
- "(i) BNQ 3624-120, "Smooth Inside Wall Open-Profile Polyethylene (PE) Pipe and Polyethylene (PE) Fittings for Storm Sewers, Culverts and Soil Drainage",
- (j) BNQ 3624-130, "Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings Pipes of 150 mm in Diameter or Smaller", or
- (k) BNQ 3624-135, "Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings Pipes of 200 mm in Diameter or Larger for Sewage and Soil Drainage".":
- (13) by adding the following after Article 2.2.5.13.:

"2.2.5.14. Pipes and Fittings Made of Polyethylene of Raised Temperature Resistance

- (1) Pipes made of polyethylene of raised temperature resistance (PE-RT) and fittings approved by the manufacturer and used in hot and cold *potable water systems* shall conform to CSA-B137.18, "Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications" (see Note A-2.2.5.14.(1).).";
- (14) in Article 2.2.6.1., by adding the following after Sentence (2):
 - "(3) Wall supports for water closets shall conform to
- (a) ASME A112.6.1M, "Supports for Off-the-Floor Plumbing Fixtures for Public Use", or
- (b) ASME A112.6.2, "Framing-Affixed Supports for Off-the-Floor Water Closets with Concealed Tanks".";
- (15) in Article 2.2.6.4., by replacing Sentence (1) by the following:
 - "(1) Cast-iron water pipes shall conform to
- (a) ANSI/AWWA-C151/A21.51, "Ductile-Iron Pipe, Centrifugally Cast, for Water", or
- (b) NQ 3623-085, "Ductile-Iron Pipes for Water Pressure Piping Systems Characteristics and Test Methods".";
- (16) by adding the following after Article 2.2.7.8.:

"2.2.7.9. Quick Connection Push-Fit Fittings

- (1) Quick connection push-fit fittings shall conform to ASSE 1061, "Performance Requirements for Push-Fit Fittings".";
- (17) in Article 2.2.10.5., by inserting ", except at the point of connection to a standpipe system" after "water systems" in Sentence (1);
- (18) in Article 2.2.10.6., by replacing Sentence (1) by the following:
 - "(1) Plumbing supply fittings shall conform to
 - (a) ASME A112.18.1/CSA B125.1, "Plumbing Supply Fittings",
 - (b) CSA B125.3, "Plumbing Fittings",
- (c) CSA B125.5/IAPMO Z600, "Flexible Water Connectors with Excess Flow Shut-Off Devices",
 - (d) ASME A112.18.6/CSA B125.6, "Flexible Water Connectors",

- (e) ASME A112.4.14/CSA B125.14, "Manually Operated Valves for Use in Plumbing Systems",
- (f) ASSE 1037/ASME A112.1037/CSA B125.37, "Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures", or
- (g) ASSE 1070/ASME A112.1070/CSA B125.70, "Performance Requirements for Water Temperature Limiting Devices".";
- (19) by replacing Article 2.2.10.7. by the following:

"2.2.10.7. Water Temperature Control (See Note A-2.2.10.7.)

- (1) Except as provided in Sentences (2) to (4), valves supplying shower heads or bathtubs shall be of the pressure-balanced, thermostatic, or combination pressure-balanced/thermostatic type and conform to ASME A112.18.1/CAN/CSA B125.1, "Plumbing Supply Fittings".
- (2) Valves supplying only bathtubs need not be of one of the types referred to in Sentence (1) if the hot water supply is controlled by a thermostatic-mixing valve conforming to CAN/CSA-B125.3, "Plumbing Fittings", or an automatic temperature-limiting device conforming to ASSE 1070/ASME A112.1070/CSA B125.70, "Performance Requirements for Water Temperature Limiting Devices".
- (3) Valves supplying only shower heads need not be of one of the types referred to in Sentence (1) if the water supply is controlled by an automatic compensating valve conforming to CAN/CSA B125.3, "Plumbing Fittings".
- Except as provided in Sentence (5), valves supplying shower heads or bathtubs of a care occupancy or private seniors' residence within the meaning of the Act respecting health services and social services (chapter S-4.2) shall be of the thermostatic or combination pressurebalanced/thermostatic type and conform ASME to A112.18.1/CAN/CSA B125.1, "Plumbing Supply Fittings". For the purposes of this Article, "care occupancy" means a building or part of a building housing persons who, because of their physical or mental state, need medical care or treatment.
- (5) Valves supplying only bathtubs of a care occupancy or private seniors' residence need not be of one of the types referred to in Sentence (4) if the hot water supply is controlled by a thermostatic-mixing valve conforming to CAN/CSA B125.3, "Plumbing Fittings", or an automatic temperature-limiting device conforming to ASSE 1070/ASME A112.1070/CSA B125.70, "Performance Requirements for Water Temperature Limiting Devices", installed within the limits of a bathroom.

- **(6)** Valves, mixing valves and limiting devices covered by Sentences (1) to (3) shall be adjusted to provide a water outlet temperature that does not exceed 49 °C. Those covered by Sentences (4) and (5) shall be adjusted to provide a water outlet temperature that does not exceed 43 °C.";
- (20) in Article 2.2.10.10.,
- (a) by replacing clauses (e) to (m) of Sentence (1) by the following:
 - "(e) CSA B64.1.4, "Vacuum Breaker, Air Space Type (ASVB)",
 - (f) CSA B64.2, "Hose Connection Vacuum Breakers (HCVB)",
- (g) CSA B64.2.1, "Hose Connection Vacuum Breakers (HCVB) with Manual Draining Feature",
- (h) CSA B64.2.2, "Hose Connection Vacuum Breakers (HCVB) with Automatic Draining Feature",
- (i) CSA B64.3, "Dual Check Valve Backflow Preventers with Atmospheric Port (DCAP)",
- (j) CSA B64.4, "Reduced Pressure Principle (RP) Backflow Preventers",
- (k) CSA B64.5, "Double Check Valve (DCVA) Backflow Preventers",
 - (I) CSA B64.6, "Dual Check Valve (DuC) Backflow Preventers",
- (m) CSA B64.7, "Laboratory Faucet Vacuum Breakers (LFVB)", or
- (n) CSA B64.8, "Dual Check Valve Backflow Preventers with Intermediate Vent (DuCV)".";
- (b) by replacing "CSA B125.3, "Plumbing Fittings"." in Sentence (2) by "ASSE 1002/ASME A112.1002/CSA B125.12, "Anti-Siphon Fill Valves for Water Closet Tanks".":
- (21) by replacing "brise-vide" in the French text of Sentence (1) of Article 2.2.10.11 by "antivide";
- (22) in Article 2.2.10.13.,
 - (a) by striking out "Solar Domestic" in the title;
 - (b) by replacing Sentence (1) by the following:

- "(1) Service water heaters shall conform to
- (a) ANSI Z21.10.1/CSA 4.1, "Gas Water Heaters Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu per Hour or Less",
- (b) ANSI Z21.10.3/CSA 4.3, "Gas Water Heaters Volume III, Storage Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating and Instantaneous",
- (c) CAN/CSA-C22.2 No. 110, "Construction and Test of Electric Storage-Tank Water Heaters",
- (d) CSA B140.12, "Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools",
- (e) CAN/CSA-F379 SERIES, "Solar Domestic Hot Water Systems (Liquid-to-Liquid Heat Transfer)",
- (f) CSA C22.2 No. 64, "Household Cooking and Liquid-Heating Appliances", or
- (g) CAN/CSA-E60335-2-35, "Safety of Household and Similar Electrical Appliances Part 2-35: Particular Requirements for Instantaneous Water Heaters".";
- (23) in Article 2.2.10.17.,
 - (a) by adding "Potable" at the beginning of the title;
 - (b) by replacing Sentence (1) by the following:
- "(1) Potable water disinfection units using ultraviolet designed to meet the requirements of the Regulation respecting the quality of drinking water (chapter Q-2, r. 40) shall conform to
- (a) NSF/ANSI 55, "Ultraviolet Microbiological Water Treatment Systems", or
- (b) CAN/CSA-B483.1, "Drinking Water Treatment Systems", if they are designed to be installed at the point of use.
- (2) Reverse osmosis *potable* water treatment systems installed at the point of use and designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to CAN/CSA-B483.1, "Drinking Water Treatment Systems".
- (3) Potable water distillation systems designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to
 - (a) NSF/ANSI 62, "Drinking Water Distillation Systems", or

- (b) CAN/CSA-B483.1, "Drinking Water Treatment Systems", if they are designed to be installed at the point of use.
- (4) Potable water treatment units not covered by Sentences (1) to (3) and designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to
- (a) NSF/ANSI 53, "Drinking Water Treatment Units Health Effects", or
- (b) CAN/CSA-B483.1, "Drinking Water Treatment Systems", if they are designed to be installed at the point of use.
- (5) Potable water treatment units not covered by Sentences (1) to (4) shall conform to CAN/CSA-B483.1, "Drinking Water Treatment Systems".";
- (24) by adding the following after Article 2.2.10.17.:

"2.2.10.18. Backwater Valves

- (1) Backwater valves shall conform to
- (a) CSA-B70, "Cast Iron Soil Pipe, Fittings, and Means of Joining",
- (b) CAN/CSA-B181.1, "Acrylonitrile-Butadiene-Styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings",
- (c) CAN/CSA-B181.2, "Polyvinylchloride (PVC) and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings",
- (d) CAN/CSA-B182.1, "Plastic Drain and Sewer Pipe and Pipe Fittings", or
- (e) ANSI/CAN/UL/ULC 1201, "Sensor Operated Backwater Prevention Systems".

2.2.10.19. Floor Drains and Shower Drains

(1) Floor drains, including *emergency floor drains*, and shower drains installed on the floor shall conform to CSA-B79, "Commercial and Residential Drains and Cleanouts".

2.2.10.20. Roof Drains

(1) Roof drains shall conform to ASME A112.6.4, "Roof, Deck, and Balcony Drains".

2.2.10.21. Trap Seal Primer Devices

(1) *Trap* seal primer devices shall conform to CAN/CSA-B125.3, "Plumbing Fittings".

2.2.10.22. Pipe Hangers and Supports

(1) Manufactured pipe hangers and supports shall conform to MSS SP-58, "Pipe Hangers and Supports – Materials, Design, Manufacture, Selection, Application, and Installation".

2.2.10.23. Floor Drain Trap Seals

(1) Floor drain *trap* seals used to maintain *trap seal depth* shall conform to ASSE 1072, "Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices".

2.2.10.24. Expansion Tanks

(1) Expansion tanks for *potable water distribution systems* shall conform to NSF/ANSI 61, "Drinking Water System Components – Health Effects".

2.2.10.25. Heat Recovery Units

- (1) Vertical drain water heat recovery units shall conform to CSA B55.2, "Drain Water Heat Recovery Units".";
- (25) by replacing "Running thread" in Sentence (1) of Article 2.3.3.4. by "Subject to Sentence 2.4.6.3.(6), running thread";
- (26) in Article 2.3.4.5.,
 - (a) by inserting, in Table 2.3.4.5., after

PEX plastic pipe	0.08	None	
			",
the following:			
u			
PE-RT pipe	0.08	None	

- (b) by inserting "PE-RT," after "PEX," in Sentence (4);
- (c) in the French text by replacing "Les suspentes des tuyaux d'allure horizontale doivent être :" in Sentence (5) by "Lorsque des suspentes pour tuyaux d'allure horizontale sont utilisées, elles doivent être :":

- (27) by replacing "a water pressure test or an air pressure test" in Sentence (1) of Article 2.3.6.1. by "a water pressure test, smoke pressure test or air pressure test";
- (28) by inserting ", smoke test" after "air pressure test" in Sentence (1) of Articles 2.3.6.2. and 2.3.6.3.;
- (29) by adding the following after Article 2.3.6.7.:

"2.3.6.8. Smoke Tests

- (1) Where a smoke test is made
- (a) smoke from smoke-generating machines shall be forced into the system, and
- (b) a pressure equivalent to a 25 mm water column shall be maintained.";
- (30) in Article 2.4.2.1.,
- (a) by replacing subclauses (v) and (vi) of Clause (e) of Sentence (1) by the following:
 - "(v) a water treatment device,
 - (vi) a drain or overflow from a *water system* or a heating system,
 - (vii) a drain from an ice machine, or
- (viii) a drain from a heating, air-conditioning or ventilation system (see Note A-2.4.2.1.(1)(a)(ii) and (e)(vi)).";
 - (b) by replacing Sentence (2) by the following:
- "(2) Where the upper vertical part of an offset soil-or-waste stack receives water from fixtures from more than one storey, a connection in that offset soil-or-waste stack shall not be less than 1.5 m downstream from the base of the upper section of the soil-or-waste stack or from another connection receiving sewage from another soil-or-waste stack connected to the offset.

(See Note A-2.4.2.1.(2).)";

- (c) by replacing Sentences (4) and (5) by the following:
- "(4) Every connection at the bottom of a *soil-or-waste stack* shall be more than 1.5 m in a *building drain* or a *branch* receiving *sewage* from the *soil-or-waste stack*. (See Note A-2.4.2.1.(4)).

- (5) Every *trap arm* of a bathtub, shower, bidet, floor drain or service sink installed on the floor shall have a *nominally horizontal* part not less than 450 mm in *developed length*. The *developed length* of the *trap arm* of a floor drain shall be increased to 1.5 m if it is connected not more than 3 m downstream from the bottom of a *soil-or-waste stack* or a *leader*. (See Note A-2.4.2.1.(5)).
- **(6)** Where a change of direction greater than 45° occurs in a *soil-or-waste pipe* that serves more than one clothes washer or domestic kitchen sink, and in which pressure zones are created by detergent suds, no *soil-or-waste pipe* shall serve for connecting other *soil-or-waste pipe* over a length not less than
- (a) 40 times the *size* of the *soil-or-waste pipe* or 2.44 m maximum vertical, whichever is less, before changing direction, and
- (b) 10 times the *size* of the *nominally horizontal soil-or-waste pipe* after changing direction. (See Note A-2.4.2.1.(6) and (7)).
- (7) Where a *vent pipe* is connected into the suds pressure zone referred to in Sentence (6), no other *vent pipe* shall be connected to that *vent pipe* within the height of the suds pressure zone. (See Note A-2.4.2.1.(6) and (7).)";
- (31) in Article 2.4.2.3.,
 - (a) by striking out "and" at the end of Clause (a) of Sentence (1);
- (b) by replacing "air break" in Clause (b) of Sentence (1) by "air break, and";
 - (c) by adding the following after Clause (b) of Sentence (1):
 - "(c) is located in the same room or suite.";
 - (d) by striking out "and" at the end of Clause (a) of Sentence (2);
- (e) by replacing "(see A-2.4.2.1.(1)(a)(ii) and (e)(vi))." in Clause (b) of Sentence (2) by "(see A-2.4.2.1.(1)(a)(ii) and (e)(vi)), and";
 - (f) by adding the following after Clause (b) of Sentence (2):
 - "(c) is located in the same room or *suite*.";
 - (g) by striking out "and" at the end of Clause (a) of Sentence (3);
- (h) by replacing "are connected to it." in Clause (b) of Sentence (3) by "are connected to it, and";
 - (i) by adding the following after Clause (b) of Sentence (3):
 - "(c) is located in the same room or suite.";

(32) by adding the following after Article 2.4.2.3.:

"2.4.2.4. Toilet Wall Supports

- (1) Toilet wall supports shall be fixed to the structural elements of the building to prevent stress from being transmitted to the plumbing system.";
- (33) in Article 2.4.3.5.,
- (a) by replacing the title "Macerating Toilet Systems" by "Macerating Toilets and Macerating Systems";
- (b) by replacing "macerating toilet system shall only be installed"
 in Sentence (1) by "macerating toilet or macerating system shall only be installed";
- (34) in Article 2.4.3.6., by replacing "that connects the sump well to the *drainage system*" in Clause (b) of Sentence (1) by "that connects the pit to the sump well";
- (35) by adding the following after Article 2.4.3.6.:

"2.4.3.7. Retention Pit

(See Note A-2.4.3.7.)

- (1) A retention pit shall be made in one piece, be leakproof and smooth inside. Its length shall not be less than 600 mm and its minimum width shall not be less than 450 mm, the length being taken in the direction of its *fixture drain*. A round retention pit shall be not less than 560 mm in size.
- (2) The *fixture drain* of the retention pit shall be not less than 3 inches in *size* and be protected by a reversed sanitary T fitting with a *cleanout* at the end or by a running *trap* with *cleanout*. The *fixture drain* shall be 4 inches in *size* if the retention pit receives *storm water*. Despite the foregoing, for a single-family house, the *fixture drain* may be 3 inches in *size*.
- (3) Except as provided in Sentence (6), a reversed sanitary T fitting shall be located inside the retention pit and the running *trap* may be located inside or outside the retention pit. In the last case, the *trap cleanout* shall be extended to the floor level. The retention pit shall have a running *trap* where it is connected to an oil *interceptor*.

- (4) The lower end of the reversed sanitary T fitting shall be placed 150 mm or more from the bottom of the retention pit. In the case of a retention pit that receives water from a subsoil drainage pipe, the reversed sanitary T fitting shall be placed 75 mm or more from the bottom of the retention pit. For a running *trap*, the upper end of the *trap* shall be placed not less than 300 mm from the bottom of the retention pit.
- (5) The retention pit shall be covered, at the floor or ground level, by a cover designed to withstand the intended loads.
- **(6)** The *fixture drain* of a retention pit exposed to frost shall have a *trap* inside the *building*, unless it drains into another retention pit that is not exposed.
- (7) The *fixture drain* of a retention pit shall be directly connected to the *drainage system* and drain into it by gravity or in the manner described in Article 2.4.6.3.
- **(8)** The invert of a discharge pipe connected to a retention pit shall be higher than the invert of the *fixture drain*.
- **(9)** Except as provided in Sentence (2), a retention pit shall have a *fixture drain* 3 inches in *size* for a draining area not more than 370 m^2 . For a *fixture drain* more than 3 inches in *size*, the drained area may be increased by 280 m^2 per additional inch.
- (10) The requirements of Article 2.5.1.1.(3)(c) do not apply to a retention pit used as a floor drain.
- (11) Retention pits to which a *subsoil drainage pipe* is connected shall have
 - (a) an air-tight cover, and
- (b) a *vent pipe* at least 1 1/2 inches in *size* if the content of the retention pit is pumped.";
- (36) in Article 2.4.4.1., by adding the following after Sentence (1):
- "(2) Every beauty parlour lavatory shall be equipped with a hair interceptor.
- (3) Every *fixture* that can receive dental amalgam waste shall have an amalgam *interceptor*.";
- (37) by replacing Article 2.4.5.3. by the following:

"2.4.5.3. Connection of Subsoil Drainage Pipe to a Drainage System

(1) Where a *subsoil drainage pipe* is connected to a *drainage system*, the connection shall be made on the upstream side of a *trap* with a *cleanout*, a trapped sump or a retention pit (see Note A-2.4.5.3.(1)).";

(38) by replacing Article 2.4.5.5. by the following:

"2.4.5.5. Trap seals

- (1) Provision shall be made for maintaining the *trap* seal of a floor drain by
 - (a) the use of a *trap* seal primer,
- (b) using the drain as a receptacle for an *indirectly connected* drinking fountain,
 - (c) using a floor drain trap seal, or
 - (d) other equally effective means.

(See Note A-2.4.5.5.(1).)

(2) Water from the *trap* seal of a floor drain in a *dwelling unit* need not be maintained by a *trap* seal primer.

(See Note A-2.4.5.5.(2).)";

- (39) in Article 2.4.6.3., by adding the following after Sentence (7):
- "(8) Every sump or receiving tank to which a *subsoil drainage* pipe is connected shall have
 - (a) an air tight cover, and
- (b) a *vent pipe* at least 1 1/2 inches in *size* if the sump or tank is pumped.";
- (40) in Article 2.4.6.4.,
 - (a) by replacing Sentences (2) and (3) by the following:
- "(2) A backwater valve may be installed in a building drain provided that
 - (a) it is a "normally open" design, and
 - (b) it does not serve more than one *dwelling unit*.
- (3) Except as provided in Sentences (4) to (6), where a *fixture*, a retention pit, a sump or running *trap* is located below the overfill level of the adjoining street or private sewage disposal system, a gate valve or a *backwater valve* shall be installed on every *drain* connected to a *building drain* or a *branch*.";
 - (b) by replacing Sentence (6) by the following:

- "(6) The installation of a gate valve or a *backwater valve* covered by Sentence (3) is not required if the building drain is protected from backflows in accordance with Sentence (2).";
- (41) in Article 2.4.7.1., by adding the following after Sentence (11):
- "(12) In a separate system, a *storm building drain* shall be located to the left of the *sanitary building drain*, towards the street, from the *building*.";
- (42) in Article 2.4.7.4., by replacing "fixtures" in Sentence (5) by "fixture drains":
- (43) in Article 2.4.9.3., by inserting "be not less than 2 inches in *size* and" after "the *trap* inlet shall" in Sentence (3);
- (44) in Article 2.4.10.3., by replacing "a *fixture*" in Sentence (1) by "equipment";
- (45) in Article 2.4.10.4., by replacing Sentence (4) by the following:
- "(4) Where the height of the parapet is more than 150 mm or exceeds the height of the adjacent wall flashing, emergency roof overflows or scuppers described in Clause (2)(c) shall be provided.":
- (46) in Article 2.5.2.1.,
- (a) by replacing "Table" in Clause (a) of Sentence (1) by "Article":
- (b) by replacing clauses (d) and (e) of Sentence (1) by the following:
- "(d) the *trap arms* of the water closets connected to a vertical pipe are connected downstream from all other *fixtures*,
- (e) trap arms and fixture drains do not exceed 2 inches in size when connected to a wet vent that extends above more than 1 storey, except for connections from emergency floor drains in accordance with Sentence 2.5.1.1.(3),";
 - (c) by replacing "Table" in Clause (f) of Sentence (1) by "Article";
- (d) by replacing clauses (j) and (k) of Sentence (1) by the following:
- "(j) the portion of the *soil-or-waste stack* having a *wet vent* that extends through more than one *storey* is the same *size* from its bottom to the uppermost connection of a *fixture*,
 - (k) the length of the *wet vent* is not limited,

- (I) it is extended as a stack vent or as a continuous vent, and
- (m) trap arms are connected separately and directly to the wet vent.";
- (47) in Article 2.5.6.2., by adding the following after Sentence (3):
- "(4) The plumbing *venting system* may not be used in other systems.";
- (48) in Article 2.5.6.5., by adding "except pipes 4 inches and bigger that may be of the same *size*," at the end of Clause (a) of Sentence (6);
- (49) in Article 2.5.7.3., by replacing "2.5.8.1." in Sentence (2) by "2.5.8.1.-A";
- (50) in Article 2.5.8.1.,
- (a) by replacing "Table 2.5.8.1." in Sentence (1) by "Tables 2.5.8.1.-A and 2.5.8.1.-B";
 - (b) by inserting the following before Table 2.5.8.1.:

"

Table 2.5.8.1.-A Maximum Permitted Hydraulic Loads Drained to a Wet Vent Serving Fixtures on the Same Storey

Forming Part of Sentence 2.5.8.1.(1)

Size of Wet Vent for a Storey, inches	Maximum Hydraulic Load, fixture units
1 1/4	1
1 1/2	2
2	5
3	18
4	120

"

- (c) by replacing the title of Table 2.5.8.1. by "**Table 2.5.8.1.-B**";
- (51) in Article 2.5.8.4., by adding the following after Sentence (4):
- "(5) At least one *soil-or-waste stack* or vertical *soil-or-waste pipe* shall extend into a *stack vent* or into a *vent pipe* that is terminated in open air. That *soil-or-waste stack* or vertical *soil-or-waste pipe* shall have a minimum *size* of 3 inches up to the outlet on the roof.";

- (52) in Article 2.5.9.2.,
- (a) by replacing "shall only be used" in Sentence (1) by "may only be installed";
- (b) by replacing "two-family dwellings undergoing renovation" in Clause (c) of Sentence (1) by "two-family dwellings during renovation work only";
- (c) by replacing "installations where connection" in Clause (d) of Sentence (1) by "fixtures in an existing building where connection";
- (53) in Article 2.6.1.1., by adding the following after Sentence (2):
- "(3) In a hot water distribution system with a recirculation loop, the temperature of the water being recirculated shall not be less than 55 °C at any point of the system.
- **(4)** The recirculation loop covered by Sentence (3) may be replaced by a self-regulating heat tracing system.";
- (54) in Article 2.6.1.6.,
 - (a) by replacing Table 2.6.1.6. in Sentence (3) by the following:

Table 2.6.1.6.
Water Usage per Flush Cycle
Forming Part of Sentence 2.6.1.6.(3)

Fixtures	Maximum Water Usage per Flush Cycle, Lpf
Water closets – dwellings single-flush dual-flush Water closets – industrial, commercial, institutional, residential other than dwellings	4.8 6.0/4.1 4.8
Urinals	1.9

".

- (b) by replacing Sentence (4) by the following:
- "(4) In industrial, commercial and institutional buildings, and residential buildings other than dwellings, a maximum water usage of 6.0 Lpf shall be permitted for single-flush water closets where it can be demonstrated that a maximum water usage of 4.8 Lpf could lead to blockage given the configuration of the *drainage system* or municipal infrastructure.";

- (55) in Article 2.6.1.7.,
 - (a) in Sentence (1)
 - (i) by striking out "and" at the end of Clause (a);
- (ii) by replacing "distribution system." in Clause (b) by "distribution system, and";
 - (iii) by adding the following after Clause (b):
- "(c) that has a drain complying with the requirements of Sentence (5).";
 - (b) by replacing Sentence (10) by the following:
 - "(10) Except as provided in Sentence (11), the drain pan shall
- (a) be not less than 50 mm larger than the *tank* and have side walls not less than 75 mm high,
- (b) be drained by a pipe two *sizes* larger than the relief valve discharge pipe, without being less than 1 1/4 inches, and
- (c) have a drain that is located directly under the relief valve discharge pipe and that discharges directly to a floor drain or other acceptable location.
- **(11)** The drain pan is not required to have a *fixture drain* where the relief valve discharge pipe conforms to Sentence (5).";
- (56) in Article 2.6.1.9., by replacing Sentence (1) by the following:
- "(1) Water distribution systems shall be protected against water hammers by prefabricated water-hammer arresters (see Note A-2.6.1.9.(1)).";
- (57) in Article 2.6.1.12., by replacing Sentence (1) by the following:
- "(1) The temperature control device of *water heaters* shall be set so that the temperature of stored water is not less than 60°C (see Note A-2.6.1.12.(1)).
- **(2)** Drain water heat recovery units shall only be used to supply water heaters.":

- (58) in Article 2.6.2.1., by adding the following after Sentence (3):
- "(4) In the case of backflow preventers that, according to CSA-B64.10, "Selection and Installation of Backflow Prevention Devices", require testing after installation, the person testing the backflow preventers shall hold a certificate issued in accordance with CSA-B64.10.1, "Maintenance and Field Testing of Backflow Preventers", by an organization or association certified by AWWA.";
- (59) in Sentence (2) of Article 2.6.2.2.,
 - (a) by striking out "or" at the end of Clause (j);
 - (b) by replacing "with vent." in Clause (k) by "with vent, or";
 - (c) by adding the following after Clause (k):
 - "(I) an air space type vacuum breaker.";
- (60) in Article 2.6.2.4.,
 - (a) by replacing Sentence (2) by the following:
- "(2) Except as provided in Sentence (4), potable water system connections to fire sprinkler and standpipe systems shall be protected against backflow caused by backsiphonage or back pressure in conformance with the following Clauses:
- (a) residential partial flow-through fire sprinkler/standpipe systems in which the pipes and fittings are constructed of potable water system materials shall be protected by a dual check valve backflow preventer conforming to
- (i) CSA-B64.6.1, "Dual Check Valve, Backflow Preventers for Fire Systems (DuCF)", or
- (ii) CSA-B64.6, "Dual Check Valve" (DuC) Backflow Preventers",
- (b) Class 1 fire sprinkler/standpipe systems shall be protected by a single check valve backflow preventer or by a dual check valve backflow preventer, provided that the systems do not use antifreeze or other additives of any kind and that the pipes and fittings are constructed of potable water system materials. The backflow preventer shall conform to
- (i) CSA-B64.9, "Single Check Valve Backflow Preventers, for Fire Protection Systems (SCVAF)", or
 - (ii) CSA-B64.6, "Dual Check Valve (DuC) Backflow Preventers,"

- (c) Class 1 fire sprinkler/standpipe systems not covered by Clause (b) as well as Class 2 and Class 3 fire sprinkler/standpipe systems shall be protected by a double check valve backflow preventer, provided that the systems do not use antifreeze or other additives of any kind. The backflow preventer shall conform to
- (i) CSA-B64.5.1, "Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)", or
- (ii) CSA-B64.5, "Double Check Valve (DCVAF) Backflow Preventers",
- (d) Class 1, Class 2 and Class 3 fire sprinkler/standpipe systems in which antifreeze or other additives are used shall be protected by a reduced pressure principle backflow preventer installed on the portion of the system that uses the additives and the balance of the system shall be protected as required by Clause (b) or (c). The backflow preventer shall conform to
- (i) CSA-B64.4.1, "Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)", or
- (ii) CSA-B64.4, "Reduced Pressure Principle (RP) Backflow Preventers",
- (e) Class 4 and Class 5 fire sprinkler/standpipe systems shall be protected by a reduced pressure principle backflow preventer conforming to
- (i) CSA-B64.4.1, "Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)", or
- (ii) CSA-B64.4, "Reduced Pressure Principle (RP) Backflow Preventers",
- (f) Class 6 fire sprinkler/standpipe systems shall be protected by a double check valve backflow preventer conforming to
- (i) CSA-B64.5.1, "Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)", or
- (ii) CSA-B64.5, "Double Check Valve (DCVA) Backflow Preventers", or
- (g) where a potentially severe health hazard may be caused by backflow, Class 6 fire sprinkler/standpipe systems shall be protected by a reduced pressure principle backflow preventer conforming to
- (i) CSA-B64.4.1, "Reduced Pressure Principle Backflow Preventers, for Fire Protection Systems (RPF)", or

(ii) CSA-B64.4, "Reduced Pressure Principle (RP) Backflow Preventers".

(See Note A-2.6.2.4.(2)).";

- (b) by replacing Sentence (4) by the following:
- "(4) Where a reduced pressure principle backflow preventer is required on a water service pipe at a fire service connection located on the same premises as the fire service pipe in Class 3, 4, 5 and 6 fire sprinkler/standpipe systems, a reduced pressure principle backflow preventer shall also be required on the fire service connection and conform to
- (i) CSA-B64.4.1, "Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)", or
- (ii) CSA-B64.4, "Reduced Pressure Principle (RP) Backflow Preventers".";
- (61) by adding the following after Article 2.6.2.12.:

"2.6.2.13. Personal Hygiene Devices

- (1) Water closet personal hygiene devices connected to a potable water system shall have a backflow preventer conforming to CSA-B64.10, "Selection and Installation of Backflow Preventers".";
- (62) in Article 2.6.3.2., by replacing "in Table 2.6.3.2.-A" in Sentence (2) by "in Table 2.6.3.2.-A, 2.6.3.2.-B or 2.6.3.2.-C";
- (63) in Article 2.6.3.2.,
 - (a) by replacing the following in Table 2.6.3.2.-A:

Bathtub with 3/4 inch spout	3/4	7.5	7.5	10	7.5	7.5	10

by the following

Bathtub with 3/4 inch spout 3/4 2.25 2.25 3 4.5 4.5 6

٠,

(b) by replacing Tables 2.6.3.2.-B and 2.6.3.2.-C by the following:

"

Table 2.6.3.2.-B Sizing of Water Distribution Systems for Urinals with Direct Flush Valves

Forming Part of Sentences 2.6.3.2.(4) and 2.6.3.4.(5)

Fixture or Device		Minimum Size	Private Use		Public Use		se	
		of Supply	Hydi	aulic L	oad,	Hydr	aulic L	.oad,
		Pipe, inches	fix	ture ur	nits	fix	ture ur	iits
			Cold	Hot	Total	Cold	Hot	Total
ľ	Urinal with direct	3/4	_	_	_	5	_	5
	flush valve	1/2	2	-	2	4	-	4

Table 2.6.3.2.-C Sizing of Water Distribution Systems for Water Closets with Direct Flush Valves

Forming Part of Sentences 2.6.3.2.(4) and 2.6.3.4.(5)

Fixture or Device	Minimum Size	Pri	ivate L	lse	Pl	ıblic U	se
	of Supply	Hydr	aulic L	oad,	Hydr	aulic L	oad,
	Pipe, inches	fix	ture ur	nits	fix	ture ur	nits
		Cold	Hot	Total	Cold	Hot	Total
Water closet with direct flush valve	1	6	_	6	10	_	10

,

- (64) in Article 2.6.3.4.,
- (a) by replacing "to Table 2.6.3.2.-A." in Sentence (2) by "to Table 2.6.3.2.-A, 2.6.3.2.-B, 2.6.3.2.-C or 2.6.3.2.-D.";
 - (b) by striking out the note at the bottom of Table 2.6.3.4.;
- (65) in Article 2.6.3.5., by replacing "pipe and fitting manufacturer." at the end of Sentence (1) by "pipe and fitting manufacturer without ever exceeding 3.0 m/s.";
- (66) in Article 2.7.3.2., by replacing "An outlet" at the beginning of Sentence (1) by "Except as provided in Sentence (2) of Article 2.7.4.1., an outlet";

- (67) in Article 2.7.4.1., by replacing Sentence (2) by the following:
 - "(2) Non-potable water systems shall only be used to supply
 - (a) water closets,
 - (b) urinals, or
- (c) sinks in tourist establishments covered by Chapter V.1 of the Regulation respecting the quality of drinking water (chapter Q-2, r. 40).";
- (68) by replacing Table 2.8.1.1. in Article 2.8.1.1. by the following:

"

Table 2.8.1.1. Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 2 Forming Part of Sentence 2.8.1.1.(1)

Functional Statements and Objectives(1) 2.1.2.1. Sanitary Drainage Systems (1) [F72-OH2.1] (2) [F72-OH2.1] [F72-OP5] 2.1.2.2. Storm Drainage Systems (1) [F72-OP5] 2.1.2.3. Water Distribution Systems [F46-OH2.2] (1) 2.1.2.4. Separate Services (1) [F71-OH2.1,OH2.3] [F70-OH2.1] 2.1.3.1. Lighting and Ventilation Requirements (1) [F40-OH1.1] Applies to the requirement for ventilation. [F30-OS3.1] Applies to the requirement for lighting. 2.1.3.2. Accessibility (1) [F40-OH2.1] [F41-OH2.4] [F71-OH2.3] [F82-OH2.1,OH2.2,OH2.3,OH2.4] [F71-OH2.3] [F81-OH2.4] [F81-OP5] 2.1.4.1. Structural movement (1) [F23,F43-OS3.4] [F23-OH1.1] [F23-OH2.1,OH2.4] [F23-OH5]

[F43-OH2.1,OH2.4] [F43-OH5] [F23,F43-OP5] 2.2.1.1. Exceptional conditions (1) [F80-OH2.1,OH2.2,OH2.3,OH2.4] [F80-OP5] (2) [F80-OH2.1] [F80-OP5] 2.2.1.2. Restrictions on Re-Use (1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OB3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F80-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] (5) [F41-OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F81-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81-OH2.1,OH2.4] [F81-OP5] (3) [F81-OH2.1,OH2.4] [F81-OP5] (3) [F81-OH2.1,OH2.4] [F81-OP5]		T				
[F23,F43-OP5] 2.2.1.1. Exceptional conditions (1)		[F43-OH2.1,OH2.4]				
2.2.1.1. Exceptional conditions (1)						
(1) [F80-OH2.1,OH2.2,OH2.3,OH2.4] [F80-OP5] (2) [F80-OH2.1] [F80-OP5] 2.2.1.2. Restrictions on Re-Use (1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OB3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F30-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OP5] (3) [F81-OH2.1,OH2.4]						
[F80-OP5] (2)						
(2) [F80-OH2.1] [F80-OP5] 2.2.1.2. Restrictions on Re-Use (1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] (2.2.2.4. Concealed Overflows (1) [F30-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)					
[F80-OP5] 2.2.1.2. Restrictions on Re-Use (1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2]						
2.2.1.2. Restrictions on Re-Use (1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH2.1,OH2.3,OH2.4] (3) [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(2)	[F80-OH2.1]				
(1) [F70-OH2.2] 2.2.1.5. Withstanding Pressure (1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH2.1,OH2.3,OH2.4] (3) [F81-OH2.1,OH2.3,OH2.4]		[F80-OP5]				
2.2.1.5. Withstanding Pressure (1)	2.2.1.2	2. Restrictions on Re-Use				
(1) [F20,F81-OH2.1,OH2.3] [F46-OH2.2] [F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81-OH2.1,OH2.4] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F70-OH2.2]				
[F20-OP5] 2.2.1.6. Working Pressure of a Water Service Pipe (1)	2.2.1.5	5. Withstanding Pressure				
2.2.1.6. Working Pressure of a Water Service Pipe (1)	(1)	[F20,F81-OH2.1,OH2.3] [F46-OH2.2]				
(1) [F20,F81-OH2.3] [F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]		[F20-OP5]				
[F20-OP5] 2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.1.6	6. Working Pressure of a Water Service Pipe				
2.2.2.1. Surface Requirement (1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F20,F81-OH2.3]				
(1) [F41-OH2.4] 2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]		[F20-OP5]				
2.2.2.2. Conformance to Standards (1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.2.	1. Surface Requirement				
(1) [F80-OH2.1,OH2.4] [F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81-OH2.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F41-OH2.4]				
[F80-OS3.1] 2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.2.2	2. Conformance to Standards				
2.2.2.3. Showers (1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F80-OH2.1,OH2.4]				
(1) [F80-OH2.1] [F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]		[F80-OS3.1]				
[F80-OP5] (2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.2.3	3. Showers				
(2) [F80-OH2.1] [F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F80-OH2.1]				
[F40-OP5] (3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]		[F80-OP5]				
(3) [F45-OH2.1] (4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(2)	[F80-OH2.1]				
(4) [F45-OH2.1] 2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]		[F40-OP5]				
2.2.2.4. Concealed Overflows (1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(3)	[F45-OH2.1]				
(1) [F41,F81-OH2.1,OH2.4] 2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(4)	[F45-OH2.1]				
2.2.2.5. Water Closets in Public Washrooms (1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.2.4	4. Concealed Overflows				
(1) [F30-OH2.1,OH2.4] 2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F41,F81-OH2.1,OH2.4]				
2.2.3.1. Traps (1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.2.5	2.2.2.5. Water Closets in Public Washrooms				
(1) [F81,F40-OH1.1] (2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F30-OH2.1,OH2.4]				
(2) [F81-OH1.1] [F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	2.2.3.	1. Traps				
[F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(1)	[F81,F40-OH1.1]				
[F81-OP5] (3) [F81-OH2.1,OH2.3,OH2.4]	(2)	[F81-OH1.1]				
		[F81-OP5]				
	(3)	[F81-OH2.1,OH2.3,OH2.4]				
		[F81-OP5]				

(4)	[F81-OH1.1]			
(5)	[F81-OH1.1]			
<u> </u>	2. Interceptors			
(1)	[F81-OH2.1,OH2.3,OH2.4]			
(2)	[F81-OH2.1,OH2.3,OH2.4] [F46-OH2.2]			
(3)	[F80–OH2.1,OH2.3,OH2.4]			
(4)	[F81-OH2.1]			
(5)	[F80-OH2.1,OH2.3,OH2.4] [F43-OH5]			
(6)	[F80-OH2.1,OH2.3,OH2.4]			
	3. Tubular Traps			
(1)	[F82-OH2.1,OH2.4]			
	[F82-OP5]			
2.2.4.	1. T and Cross Fittings			
(1)	[F81-OH2.1,OH2.4]			
(2)	[F81-OH2.1,OH2.4]			
2.2.4.2	2. Sanitary T Fittings			
(1)	[F81-OH2.1,OH2.4]			
(2)	[F81-OH2.1,OH2.4]			
	[F81-OP5]			
2.2.4.3	3. 90° Elbows			
(1)	[F81-OH2.1,OH2.4]			
(2)	[F81-OH2.1,OH2.4]			
2.2.5.1	Concrete Pipe and Fittings			
(1)	[F20-OH2.1]			
(2)	[F20-OH2.1]			
(3)	[F20-OH2.1]			
(4)	[F20-OH2.1]			
(5)	[F20-OH2.1]			
2.2.5.2	2. Vitrified Clay Pipe and Fittings			
(1)	[F20-OH2.1]			
(2)	[F20-OH2.1]			
(3)	[F20-OH2.1]			
2.2.5.3	2.2.5.3. Polyethylene Pipe and Fittings			
(1)	[F20-OH2.1,OH2.2,OH2.3]			
	[F20-OP5]			
(2)	[F20-OP5]			
(3)	[F20-OP5]			
2.2.5.4	1. Polyethylene Pipe Used Underground			
(1)	[F72-OH2.1,OH2.3]			

2.2.5.	5. Crosslinked Polyethylene Pipe and Fittings
(1)	[F20-OH2.2]
	[F20-OP5]
2.2.5.	6. PVC Pipe and Fittings
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(2)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(3)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(4)	[F20-OP5]
2.2.5.	7. CPVC Pipe, Fittings and Solvent Cements
(1)	[F20-OH2.2,OH2.3,OH2.4]
	[F20-OP5]
(2)	[F20-OP5]
2.2.5.	8. Plastic Pipe, Fittings and Solvent Cement Used Underground
(1)	[F20,F80,F81-OH2.1]
	[F20,F80,F81-OP5]
2.2.5.	9. Transition Solvent Cement
(1)	[F20,F80,F81-OH2.1,OH2.3]
(2)	[F20,F80,F81-OH2.1,OH2.3]
2.2.5.	10. Plastic Pipe, Fittings and Solvent Cement Used in Buildings
(1)	[F20,F80,F81-OH2.1,OH2.3]
2.2.5.	11. Polyethylene/Aluminum/Polyethylene Composite Pipe and Fittings
(1)	[F20,F80,F81-OH2.1,OH2.2,OH2.3]
. ,	[F20-OP5]
(2)	[F20-OP5]
. ,	[F20-OH2.1,OH2.2,OH2.3]
(3)	[F20-OP5]
()	[F20-OH2.1,OH2.2,OH2.3]
(4)	[F20-OP5]
	[F20-OH2.1,OH2.2,OH2.3]
	12. Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene oster Pressure Pipe and Fittings
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
2.2.5.	13. Polypropylene Pipe and Fittings
(1)	[F20-OH2.1,OH2.2,OH2.3]
` '	[F20-OP5]

(1) [F20,F70,F80-OH2.2] [F20F70,F80-OH2.2] [F20F70,F80-OH2.3] (2) [F20-OH2.1,OH2.3] (2) [F20-OH2.1,OH2.3] (2) [F20-OH2.1,OH2.3] (2) [F20-OH2.1,OH2.3] (2) [F81-OH1.1] [F81-OH1.1] [F20-OS3.1] (2) [F20-OP5] (2) [F20-OP5] (2) [F20-OP5] (2) [F20-OP5] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.2] (3) [F81-OH2.3] (2) [F80-OH2.2] (3) [F80-OH2.2] (4) [F20-OP5] (5) [C20-OP5] (6) [C30-OP5] (7) [C30-OP5] (8) [C30-OP5] (9) [F80-OH2.2] (1) [F80-OH2.2] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] (2) [F80-OH2.2] (4) [F80-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OH2.1,OH2.3] (F81-OP5] (2) [F80-OP5]	2251	Better Heat Resistance Polyethylene Pipe and Fittings			
[F20F70,F80-OP5] 2.2.6.1. Cast-Iron Drainage and Vent Pipe and Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OH2.2] (3) [F20-OH2.1,OH2.3] 2.2.6.2. Maintenance Holes and Catch Basins (1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1] (1) [F80-OP5] (2) [F80-OH2.1] (3) [F46-OH2.2] (4) [F80-OP5] (2) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5] (2) [F81-OP5] (3) [F81-OP5]					
2.2.6.1. Cast-Iron Drainage and Vent Pipe and Fittings (1)	(1)				
(1) [F20-OH2.1,OH2.3] (2) [F20-OH2.1] (3) [F20-OH2.1,OH2.3] 2.2.6.2. Maintenance Holes and Catch Basins (1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OP5] [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (5) [F80-OH2.2] (6) [F80-OH2.2] (7) [F80-OH2.2] (8) [F81-OH2.2] (9) [F81-OH2.2] (10) [F81-OP5] (11) [F81-OP5] (12) [F80-OH2.2] (13) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1] (4) [F80-OH2.1] (5) [F80-OH2.2] (6) [F80-OH2.1] (7) [F80-OH2.1] (8) [F81-OP5] (9) [F81-OP5] (9) [F81-OP5] (10) [F81-OP5] (11) [F80-OP5] (22) [F81-OP5] (23) [F81-OP5] (34) [F81-OP5] (35) [F81-OP5] (46) [F81-OP5] (56) [F81-OP5] (57) [F81-OP5] (67) [F81-OP5] (77) [F81-OP5] (88) [F81-OP5] (99) [F81-OP5] (90) [F81-OP5]	2261				
(2) [F20-OH2.2] (3) [F20-OH2.1,OH2.3] 2.2.6.2. Maintenance Holes and Catch Basins (1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1] (3) [F46-OH2.2] (4) [F80-OH2.1] (5) [F80-OH2.1] (6) [F80-OP5] (7) [F80-OP5] (8) [F81-OP5] (9) [F81-OP5] (9) [F81-OP5] (10) [F80-OP5] (11) [F80-OP5] (22) [F81-OP5] (23) [F81-OP5] (34) [F81-OP5] (35) [F81-OP5] (36) [F81-OP5]					
(3) [F20-OH2.1,OH2.3] 2.2.6.2. Maintenance Holes and Catch Basins (1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.2] (3) [F81-OH2.1] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F46-OH2.2] (5) [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]					
2.2.6.2. Maintenance Holes and Catch Basins (1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]		-			
(1) [F81-OH1.1] [F20-OS3.1] 2.2.6.3. Treaded Cast-Iron Drainage Fittings (1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OP5] [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F80-OH2.2] (3) [F80-OH2.2] (3) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] (2) [F80-OH2.2] (4) [F81-OP5] (5) [F80-OH2.2] (6) [F80-OH2.2] (7) [F80-OH2.2] (8) [F80-OH2.1,OH2.3] (9) [F80-OH2.1,OH2.3] (1) [F80-OH2.1,OH2.3] (2) [F80-OH2.1,OH2.3] (2) [F80-OH2.1,OH2.3] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] (5) [F80-OP5] (6) [F80-OP5] (7) [F80-OP5] (8) [F81-OP5] (9) [F81-OP5] (10) [F81-OP5] (11) [F80-OP5] (22) [F81-OP5] (23) [F81-OP5] (34) [F81-OP5]					
[F20-OS3.1]					
2.2.6.3. Treaded Cast-Iron Drainage Fittings (1)	(1)				
(1) [F20-OH2.1,OH2.3] (2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OP5] [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] (2) [F80-OH2.2] (4) [F80-OH2.1,OH2.3] [F46-OH2.2] (5) [F80-OH2.1,OH2.3] (6) [F80-OH2.1,OH2.3] (7) [F80-OH2.1,OH2.3] (8) [F80-OH2.1,OH2.3] (9) [F80-OP5] (1) [F80-OP5] (2) [F81-OP5] (2) [F81-OP5] (3) [F81-OP5] (4) [F80-OP5] (5) [F81-OP5] (6) [F81-OP5]					
(2) [F20-OP5] 2.2.6.4. Cast-Iron Water Pipes (1) [F20-OP5] [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]					
2.2.6.4. Cast-Iron Water Pipes (1)	(1)				
(1) [F20-OP5] [F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] (2) [F81-OP5] (2) [F81-OH2.1,OH2.3] (3) [F81-OH2.1,OH2.3] (4) [F81-OP5] (5) [F80-OH2.2] (6) [F80-OH2.2] (7) [F80-OH2.2] (8) [F81-OH2.1,OH2.3] (9) [F81-OH2.1,OH2.3] (1) [F80-OH2.1,OH2.3] (2) [F80-OH2.1,OH2.3] (3) [F81-OH2.1,OH2.3] (4) [F80-OH2.1,OH2.3] (5) [F80-OP5] (6) [F80-OP5] (7) [F80-OP5] (8) [F81-OP5] (9) [F81-OP5] (10) [F81-OP5] (11) [F80-OP5] (12) [F81-OP5] (22) [F81-OP5] (23) [F81-OP5] (34) [F81-OP5] (45) [F81-OP5] (46) [F81-OP5] (57) [F81-OP5] (58) [F81-OP5] (69) [F81-OP5] (79) [F81-OP5] (79) [F81-OP5] (80) [F81-OP5]		1			
[F20-OH2.1,OH2.2,OH2.3] (2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F46-OH2.2] (5) [F80-OP5] (6) [F80-OP5] (7) [F80-OP5] (8) [F81-OP5] (9) [F81-OP5] (10) [F81-OP5] (11) [F80-OP5] (12) [F81-OP5] (22) [F81-OP5] (23) [F81-OP5]	2.2.6.4	. Cast-Iron Water Pipes			
(2) [F80-OH2.2] (3) [F20-OP5] (4) [F20-OP5] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F46-OH2.2] (5) [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(1)	[F20-OP5]			
(3) [F20-OP5] (4) [F20-OP5] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]		[F20-OH2.1,OH2.2,OH2.3]			
(4) [F20-OP5] 2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(2)	[F80-OH2.2]			
2.2.6.5. Screwed Cast-Iron Water Fittings (1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(3)	[F20-OP5]			
(1) [F20-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(4)	[F20-OP5]			
(2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	2.2.6.5	5. Screwed Cast-Iron Water Fittings			
(3) [F81-OH2.1,OH2.3] 2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(1)	[F20-OP5]			
2.2.6.6. Screwed Malleable Iron Water Fittings (1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(2)	[F80-OH2.2]			
(1) [F81-OP5] (2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	(3)	[F81-OH2.1,OH2.3]			
(2) [F80-OH2.2] (3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] (3) [F81-OP5]	2.2.6.6	S. Screwed Malleable Iron Water Fittings			
(3) [F81-OH2.1,OH2.3] 2.2.6.7. Steel Pipe (1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(1)	[F81-OP5]			
2.2.6.7. Steel Pipe (1)	(2)	[F80-OH2.2]			
(1) [F80-OH2.1,OH2.3] [F46-OH2.2] (3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(3)	[F81-OH2.1,OH2.3]			
(3) [F46-OH2.2] (4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	2.2.6.7	7. Steel Pipe			
(4) [F80-OH2.1,OH2.3] [F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(1)	[F80-OH2.1,OH2.3] [F46-OH2.2]			
[F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(3)	[F46-OH2.2]			
[F80-OP5] 2.2.6.8. Corrugated Steel Pipe and Couplings (1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(4)	[F80-OH2.1,OH2.3]			
(1) [F80-OP5] (2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders					
(2) [F81-OP5] (3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	2.2.6.8	2.2.6.8. Corrugated Steel Pipe and Couplings			
(3) [F81-OP5] 2.2.6.9. Sheet Metal Leaders	(1)	[F80-OP5]			
2.2.6.9. Sheet Metal Leaders	(2)	[F81-OP5]			
	(3)	[F81-OP5]			
(1) [F80-OP5]	2.2.6.9). Sheet Metal Leaders			
	(1)	[F80-OP5]			

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	10. Stainless Steel Pipe
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[,F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.	11. Stainless Steel Butt Weld Pipe Fittings
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[FF80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.	12. Stainless Steel Pipe Flanges
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.	13. Stainless Steel Threaded Fittings
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F20-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F20-OP5]
2.2.6.	14. Stainless Steel Tube
(1)	[F46-OH2.2]
	[F80-OP5]
(2)	[F46-OH2.2]
	[F80-OP5]
2.2.6.	15. Stainless Steel Pipe and Tube
(1)	[F80-OH2.1,OH2.2,OH2.3]
2.2.7.	1. Copper And Brass Pipe
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]

2.2.7.2	Brass or Bronze Pipe Flanges and Flanged Fittings
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.7.3	Brass or Bronze Threaded Water Fittings
(1)	[F80-OP5]
(2)	[F80-OH2.1,OH2.3]
2.2.7.4	Copper Tube
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1,OH2.2,OH2.3]
(3)	[F80-OH2.1,OH2.4]
2.2.7.5	Solder-Joint Drainage Fittings
(1)	[F80-OH2.1,OH2.4]
(2)	[F20-OP5]
2.2.7.6	Solder-Joint Water Fittings
(1)	[F20-OP5]
(2)	[F20-OP5]
2.2.7.7	Flared-Joint Fittings for Copper Water Systems
(1)	[F20-OP5]
(2)	[F20-OP5]
2.2.7.8	Lead Waste Pipe and Fittings
(1)	[F46,F20-OH2.2,OH2.3]
(2)	[F81-OH2.1,OH2.3,OH2.4]
2.2.7.9	Quick Connection Push-Fit Fittings
(1)	[F46-OH2.2]
	[F80-OP5]
2.2.8.1	Pipes and Fittings
(1)	[F80,F81-OH2.1]
	[F80,F81-OS3.2,OS3.4]
2.2.9.1	Cement Mortar
(1)	[F80-OP5]
	[F80-OH2.1,OH2.3]
2.2.9.2	Solders and Fluxes
(1)	[F80-OP5]
	[F80-OH2.1,OH2.3]
(2)	[F46-OH2.2]
(3)	[F80-OH2.1,OH2.3]
(4)	[F80-OH2.1,OH2.3]

(1) [F80-OH2.1] 2.2.10.2. Screws, Bolts, Nuts and Washers (1) [F80-OH2.1,OH2.3] 2.2.10.3. Cleanout Fittings (1) [F80-OH2.1,OH2.3] Applies to drainage systems. [F46-OH2.2] Applies to water systems. (2) [F80-OH2.1] 2.2.10.4. Mechanical Couplings (1) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F31-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31-F80-OS3.2] (8) [F31-OS3.2] (9) [F31-F80-OS3.2] (9) [F31-F80-OS3.2] (10) [F30,F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.2] (4) [F30,F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31-F80-OS3.2] (8) [F31-OS3.2] (9) [F31-F80-OS3.2] (9) [F31-F80-OS3.2] (1) [F31-F80-OS3.2] (2) [F31-F80-OS3.2] (3) [F31-OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31-F80-OS3.2] (8) [F31-F80-OS3.2] (9) [F31-F80-OS3.2] (9) [F31-F80-OS3.2] (1) [F31-OS3.2] (2) [F31-F80-OS3.2] (2) [F31-F80-OS3.2] (3) [F31-OS3.2] (4) [F31-OS3.2] (5) [F31-F80-OS3.2] (6) [F31-OS3.2] (7) [F31-F80-OS3.2] (8) [F31-OS3.2] (9) [F31-OS3.	0.0.40	4.5. 5. 5.			
2.2.10.2. Screws, Bolts, Nuts and Washers (1)	2.2.10.				
(1) [F80-OH2.1,OH2.3] 2.2.10.3. Cleanout Fittings (1) [F80-OH2.1,OH2.3] Applies to drainage systems. [F46-OH2.2] Applies to water systems. (2) [F80-OH2.1] 2.2.10.4. Mechanical Couplings (1) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.1,OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31,F80-OS3.2] (7) [F31,F80-OS3.2] (8) [F30,F31,F80-OS3.1,OS3.2] (9) [F31,F80-OS3.2] (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-F80-OS3.2] (7) [F41,F46-OH2.4] (8) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (3) [F41,F46-OH2.2]	(1)	[F80-OH2.1]			
2.2.10.3. Cleanout Fittings (1)	2.2.10.	2. Screws, Bolts, Nuts and Washers			
(1) [F80-OH2.1,OH2.3] Applies to drainage systems. [F46-OH2.2] Applies to water systems. (2) [F80-OH2.1] 2.2.10.4. Mechanical Couplings (1) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.1,OS3.2] (8) [F31-OS3.2] (9) [F31,F80-OS3.1] (9) [F31,F80-OS3.1] (9) [F31,F80-OS3.1] (9) [F31,F80-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.1] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31,F80-OS3.2] (7) [F41,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31,F80-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,	(1)	[F80-OH2.1,OH2.3]			
[F46-OH2.2] Applies to water systems. (2) [F80-OH2.1] 2.2.10.4. Mechanical Couplings (1) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31-F80-OS3.2] (9) [F31-F80-OS3.2] (1) [F31-F80-OS3.2] (2) [F31-F80-OS3.2] (2) [F31-F80-OS3.2] (3) [F31-F80-OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31-F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) [F40,F46-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (2) [F41,F46-OH2.2]	2.2.10.	3. Cleanout Fittings			
2.2.10.4. Mechanical Couplings (1) [F80-OP5] (2) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.1] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.1] (6) [F30,F31,F80-OS3.1,OS3.2] (7) [F30,F31,F80-OS3.1] (8) [F30,F31,F80-OS3.1] (9) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (2) [F31,F80-OS3.1] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.1] (6) [F31-OS3.2] (7) [F31,F80-OS3.1] (8) [F31,F80-OS3.1] (9) [F31,F80-OS3.1] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (2) [F31,F80-OS3.1] (3) [F31,F31,F31,OS3.2] (4) [F31,F31,F31,OS3.2] (5) [F31,F31,F31,OS3.2] (6) [F31,F31,F31,OS3.2] (7) [F31,F31,F31,OS3.2] (8) [F31,F31,F31,OS3.2] (9) [F31,F31,F31,OS3.2] (9) [F31,F31,F31,OS3.2] (9) [F31,F31,F31,OS3.2] (1) [F31,F31,F31,OS3.2] (2) [F31,F31,CS3.2] (3) [F31,F31,CS3.2] (4) [F31,F31,CS3.2] (5) [F31,F31,CS3.2] (6) [F31,F31,CS3.2] (7) [F31,F31,CS3.2] (8) [F31,F31,CS3.2] (9) [F31,CS3.2] (9) [F31,CS	(1)				
(1) [F80-OP5] (2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31,F80-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F41,F80-OS3.2] (8) [F41,F80-OS3.2] (9) [F41,F80-OS3.2] (1) [F80,F81-OP5] (2) [F41,F80-OH2.4] (2) [F41,F46-OH2.4] (3) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (3) [F41,F46-OH2.2]	(2)	[F80-OH2.1]			
(2) [F80-OH2.1,OH2.3] 2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.1,OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F30,F31,F80-OS3.1,OS3.2] (8) [F31,F80-OS3.1] (9) [F30,F31,F80-OS3.1] (1) [F40,F46-OH2.1] [F81-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (2) [F41,F46-OH2.2] (2) [F41,F46-OH2.2] (2) [F41,F46-OH2.2] (2) [F41,F46-OH2.2] (3) [F46-OH2.2]	2.2.10.	4. Mechanical Couplings			
2.2.10.5. Saddle Hubs (1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F30,F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.2] (4) [F30,F31,F80-OS3.1] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [F41,F46-OH2.4] (2) [F41,F46-OH2.4] (3) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (1) [F46-OH2.2]	(1)	[F80-OP5]			
(1) [F81-OH2.1,OH2.3] [F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31-OS3.2] (9) [F31-OS3.2] (1) [F30,F31,F80-OS3.1] (1) [F30,F31,F80-OS3.1] (2) [F31,F80-OS3.1] (3) [F31,F80-OS3.2] (4) [F30,F31,F80-OS3.1] (5) [F31-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31-OS3.2] (9) [F31-OS3.2] (1) [F30,F31-OF5] (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.4] (3) [F41,F46-OH2.2] (4) [F40,OH2.2] (5) [F41,F46-OH2.2] (6) [F41,F46-OH2.2] (7) [F46-OH2.2]	(2)	[F80-OH2.1,OH2.3]			
[F81-OP5] 2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-OS3.2] (1) [C) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] (2) [F41,F46-OH2.2] (2) [F41,F46-OH2.2]	2.2.10.	5. Saddle Hubs			
2.2.10.6. Supply and Waste Fittings (1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31-OS3.2] (9) [F31-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1] (4) [F30,F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31-OS3.2] (9) [F31-OS3.2] (1) [F31,F80-OS3.2] (2) [F31,F80-OS3.2] (3) [F31,F80-OS3.2] (4) [F31,F80-OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.2] (9) [F31,F80-O	(1)	[F81-OH2.1,OH2.3]			
(1) [F80-OP5] (2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] (7) [F31,F80-OS3.2] (8) [F31,F80-OS3.1,OS3.2] (9) [F31,F80-OS3.1,OS3.2] (10) [F31,F80-OS3.1] (11) [F30,F31,F80-OS3.2] (12) [F31,F80-OS3.2] (13) [F31,F80-OS3.2] (14) [F30,F31,F80-OS3.2] (15) [F31,F80-OS3.2] (16) [F31-OS3.2] (17) [F31-OH2.4] (18) [F31,F31-OH2.4] (19) [F31,F31-OH2.4] (20) [F41,F46-OH2.2] (31) [F41,F46-OH2.2] (32) [F41,F46-OH2.2] (33) [F41,F46-OH2.2] (34) [F46-OH2.2]		[F81-OP5]			
(2) [F131-OE1.2] (3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.1,OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	2.2.10.	6. Supply and Waste Fittings			
(3) [F30-OS3.1] [F31-OS3.2] (4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(1)	[F80-OP5]			
(4) [F131-OE1.2] (5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(2)	[F131-OE1.2]			
(5) [F131-OE1.2] (6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.1,OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(3)	[F30-OS3.1] [F31-OS3.2]			
(6) [F80-OH2.1,OH2.3] 2.2.10.7. Water Temperature Control (1) [F30,F31,F80-OS3.1,OS3.2] (2) [F31,F80-OS3.2] (3) [F30,F31,F80-OS3.1,OS3.2] (4) [F30,F31,F80-OS3.1,OS3.2] (5) [F31,F80-OS3.2] (6) [F31-OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(4)	[F131-OE1.2]			
2.2.10.7. Water Temperature Control (1)	(5)	[F131-OE1.2]			
(1) [F30,F31,F80–OS3.1,OS3.2] (2) [F31,F80–OS3.2] (3) [F30,F31,F80–OS3.1,OS3.2] (4) [F30,F31,F80–OS3.1,OS3.2] (5) [F31,F80–OS3.2] (6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(6)	[F80-OH2.1,OH2.3]			
(2) [F31,F80–OS3.2] (3) [F30,F31,F80–OS3.1,OS3.2] (4) [F30,F31,F80–OS3.1,OS3.2] (5) [F31,F80–OS3.2] (6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	2.2.10.	7. Water Temperature Control			
(3) [F30,F31,F80–OS3.1,OS3.2] (4) [F30,F31,F80–OS3.1,OS3.2] (5) [F31,F80–OS3.2] (6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(1)	[F30,F31,F80-OS3.1,OS3.2]			
(4) [F30,F31,F80–OS3.1,OS3.2] (5) [F31,F80–OS3.2] (6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(2)	[F31,F80-OS3.2]			
(5) [F31,F80–OS3.2] (6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]					
(6) [F31–OS3.2] 2.2.10.8. Direct Flush Valves (1) (c) and (d) [F80-OH2.1] [F81-OH2.4]					
2.2.10.8. Direct Flush Valves (1)					
(1) (c) and (d) [F80-OH2.1] [F81-OH2.4] (a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	_ ` ,				
(a) and (b) [F80,F81-OP5] 2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]					
2.2.10.9. Drinking Fountain Bubblers (1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(1)				
(1) [F40,F46-OH2.4] (2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]					
(2) [F41,F46-OH2.2] (3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	2.2.10.9. Drinking Fountain Bubblers				
(3) [F41,F46-OH2.2] 2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(1)	[F40,F46-OH2.4]			
2.2.10.10. Back-Siphonage Preventers and Backflow Preventers (1) [F46-OH2.2]	(2)	[F41,F46-OH2.2]			
(1) [F46-OH2.2]	(3)	[F41,F46-OH2.2]			
	2.2.10.	2.2.10.10. Back-Siphonage Preventers and Backflow Preventers			
(2) [F46-OH2.2]	(1)	[F46-OH2.2]			
	(2)	[F46-OH2.2]			

2.2.10.11. Relief Valves		
(1)	[F31-OS3.2]	
	[F31-OP5]	
2.2.10	.12. Reducing Valves	
(1)	[F81-OP5]	
	.13. Hot Water	
	[F46-OH2.2]	
(1)	[F80,F81–OP5]	
(1)	[F31,F81–OS3.2]	
	[F43-OS3.4]	
2.2.10	.14. Vent Pipe Flashing	
(1)	[F80,F81-OP5]	
(2)	[F80,F81-OP5]	
2.2.10	.15. Water Hammer Arresters	
(1)	[F20,F80-OP5]	
2.2.10	.16. Air Admittance Valves	
(1)	[F81-OH1.1]	
2.2.10	.17. Water Treatment Systems	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]	
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]	
(3)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]	
(4)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]	
(5)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]	
	.18. Backwater Valves	
(1)	[F80-OH2.1]	
	.19. Floor Drains and Shower Drains	
(1)	[F80-OH2.1,OH2.4]	
2.2.10	.20. Roof Drains	
(1)	[F80-OP5]	
2 2 10	[F80-OS2.1] .21Trap Seal Primer Devices	
(1)	[F80-OH1.1]	
	.22. Pipe Supports and Hangers	
	[F20-OH2.1]	
(1)	[F20-OS3.1]	
	[F80-OP5]	
2.2.10	.23. Floor Drain Trap Seals	
(1)	[F80,F82-OH1.1]	
2.2.10	.24. Expansion Tanks	
(1)	[F80,F82-OH1.1]	
2.2.10	.25. Heat Recovery Unit	
(1)	[F80,F82-OH1.1]	
2.3.2.1. Caulked Lead Drainage Joints		
(1)	[F80-OH2.1,OH2.3]	

(2)	[F80-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
	. Wiped Joints
	[F80,F81-OH2.1]
(1)	[F80,F81-OP5]
(2)	
(2)	[F80,F81-OH2.1,OH2.2,OH2.3]
(3)	[F80,F81-OH2.1,OH2.2,OH2.3] . Screwed Joints
(1)	[F80,F81-OH2.1,OH2.2,OH2.3]
(2)	[F70-OH2.2]
	. Soldered Joints
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
2.3.2.5	. Flared Joints
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
	[F20,F81-OP5]
(2)	[F20,F81-OH2.1,OH2.2,OH2.3]
	[F20,F81-OP5]
2.3.2.6	. Mechanical Joints
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
2.3.2.7	. Cold-Caulked Joints
(1)	[F20,F81-OH1.1] Applies to bell and spigot joints in venting systems.
	[F20,F81-OH2.1,OH2.3] Applies to bell and spigot joints in <i>drainage</i> systems or venting systems.
	[F20,F81-OP5]
(2)	[F20,F81-OH1.1]
	[F20,F81-OP5]
	[F20,F81-OH2.1,OH2.2,OH2.3]
(3)	[F20-OH2.1,OH2.3]
2.3.2.8	. Stainless Steel Welded Joints
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
(2)	[F20,F81-OH2.1,OH2.2,OH2.3]
2.3.3.1. Drilled and Tapped Joints	
(1)	[F81-OH1.1]
	[F20,F81-OH2.2,OH2.3]
2.3.3.2	Extracted Tees
(1)	[F81-OH2.1,OH2.3]
` ′	[F20-OP5]
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2.3.3.3	2.3.3.3. Prohibition of Welding of Pipes and Fittings	
(1)	[F20-OH1.1]	
	[F20-OH2.1,OH2.2,OH2.3]	
(2)	[F80-OH2.2]	
	[F80-OP5]	
2.3.3.4	. Unions and Slip Joints	
(1)	[F81-OH1.1]	
	[F81-OH2.1,OH2.3]	
(2)	[F81-OH1.1]	
	[F81-OH2.1,OH2.3]	
2.3.3.5	. Increaser or Reducer	
(1)	[F81-OH1.1]	
	[F70,F80-OH2.2]	
2.3.3.6	. Dissimilar Materials	
(1)	[F80-OH1.1]	
	[F80-OP5]	
	[F80-OH2.1]	
2.3.3.7	. Connection of Roof Drain to Leader	
(1)	[F21,F81-OP5]	
2.3.3.8	. Connection of Floor Outlet Fixtures	
(1)	[F80-OH2.1,OH2.3]	
(2)	[F80-OH2.1]	
(4)	[F20-OH2.1]	
	[F20-OS3.1]	
(5)	[F81-OH2.1]	
(6)	[F21-OH2.1]	
2.3.3.9	. Expansion and Contraction	
(1)	[F21-OH1.1]	
	[F21-OH2.1]	
	[F21-OP5]	
2.3.3.1	2.3.3.10. Copper Tube	
(1)	[F20-OH1.1]	
	[F20-OP5]	
2.3.3.1	2.3.3.11. Indirect Connections	
(1)	[F81-OH2.2,OH2.4]	
(2)	[F81-OH2.2,OH2.4]	
2.3.3.1	2. Copper Joints Used Underground	
(1)	[F20,F80-OP5]	
(2)	[F20,F80-OP5]	

2.3.4.1	2.3.4.1. Capability of Support		
(1)	[F20-OH2.1,OH2.4]		
	[F20-OS3.1]		
	[F20-OP5]		
(2)	[F20-OH2.1,OH2.3]		
(-)	[F20-OS3.1]		
(3)	[F20-OS3.1]		
	[F20-OH2.1,OH2.3]		
2.3.4.2	. Independence of Support		
(1)	[F20-OS3.1]		
	[F20-OH2.1,OH2.3]		
	[F20-OP5]		
2.3.4.3	Insulation of Support		
(1)	[F80-OH2.1,OH2.3]		
	[F80-OS3.1]		
	[F80-OP5]		
(2)	[F80-OH2.1,OH2.3]		
	[F80-OS3.1]		
	[F80-OP5]		
2.3.4.4	. Support for Vertical Piping		
(1)	[F20-OH2.1]		
	[F20-OS3.1]		
(2)	[F20-OH2.1]		
	[F20-OS3.1]		
	[F20-OP5]		
2.3.4.5	2.3.4.5. Support for Horizontal Piping		
(1)	[F20-OS3.1]		
	[F20-OH2.1,OH2.3]		
	[F20-OP5]		
(2)	[F20-OS3.1]		
	[F20-OH2.1]		
	[F20-OP5]		
(3)	[F20-OP5]		
	[F20,F81-OS3.1]		
	[F20-OH2.1]		
(4)	[F81-OP5]		
	[F81-OS3.1]		

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(5)	[F20,F21-OP5]
	[F20-OS3.1]
(-)	[F20-OH2.1]
(6)	[F20-OP5]
	[F20-OS3.1]
	[F20-OH2.1]
2.3.4.6	. Support for Underground Horizontal Piping
(1)	[F20-OP5]
	[F81-OH2.1]
2.3.4.7	. Support for Vent Pipe above a Roof
(1)	[F81-OS3.1]
	[F81-OP5]
2.3.5.1	. Pipe Protection
(1)	a) [F81-OP5]
	[F81-OH2.1,OH2.3]
2.3.5.2	. Isolation from Loads
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
2.3.5.3	. Protection from Frost
(1)	[F81-OP5]
	[F81-OH2.1,OH2.3]
2.3.5.4	. Protection from Mechanical Damage
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(0)	[F81-OH2.1,OH2.3]
(2)	[F81-OP5]
(0)	[F81-OH2.1,OH2.3]
(3)	[F81-OP5]
2.3.5.5	. Protection from Condensation
(1)	[F81-OP5]
2.3.6.1. Tests and Inspection of Drainage or Venting Systems	
(1)	[F81-OH2.1,OH2.3] Applies to drainage systems.
	[F81-OH1.1] Applies to venting systems.
(2)	[F81-OH1.1] Applies to venting systems.
	[F81-OH2.1,OH2.3] Applies to drainage systems.
(3)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
(4)	[F81-OH1.1] Applies to venting systems.
	[F81-OH2.1,OH2.3] Applies to drainage systems.
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(5) [F81-OH2.1,OH2.3] 2.3.6.2. Tests of Pipes in Drainage Systems (1) [F81-OH2.1,OH2.3] [F81-OP5] (2) [F81-OH2.1] 2.3.6.3. Tests of Venting Systems (1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests (1) [F81-OH1.1]	
(1) [F81-OH2.1,OH2.3] [F81-OP5] (2) [F81-OH2.1] 2.3.6.3. Tests of Venting Systems (1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests	
[F81-OP5] (2) [F81-OH2.1] 2.3.6.3. Tests of Venting Systems (1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests	
(2) [F81-OH2.1] 2.3.6.3. Tests of Venting Systems (1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests	
2.3.6.3. Tests of Venting Systems (1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests	
(1) [F81-OH1.1] 2.3.6.4. Water Pressure Tests	
2.3.6.4. Water Pressure Tests	
(1) [F81-OH1.1]	
r=0.4 0.1.0 4 0.1.0 03	
[F81-OH2.1,OH2.3]	
(2) [F81-OH1.1]	
[F81-OH2.1,OH2.3]	
2.3.6.5. Air Pressure Tests	
(1) [F81-OH1.1]	
[F81-OH2.1,OH2.3]	
2.3.6.6. Final Tests	
(1) [F81-OH1.1]	
[F81-OH2.1,OH2.3]	
(2) [F81-OH1.1]	
[F81-OH2.1,OH2.3]	
2.3.6.7. Ball Tests	
(1) [F81-OH2.1,OH2.3]	
(2) [F81-OH2.1,OH2.3]	
2.3.6.8. Smoke Tests	
(1) [F81–OH1.1]	
[F81-OH2.1,OH2.3]	
2.3.7.1. Application of Tests	
(1) [F81-OP5]	
(3) [F81-OP5]	
(4) [F81-OP5]	
2.3.7.2. Pressure Tests of Potable Water Systems	
(1) [F20-OP5]	
(2) [F20,F81-OS3.1]	
2.3.7.3. Water Pressure Tests	
(1) [F81-OP5]	
(2) [F70-OH2.2]	
2.4.2.1. Connections to Sanitary Drainage Systems	
(1) [F72-OH2.1] Applies to fixtures that are directly connect drainage systems.	ed to sanitary
(a) [F81-OH2.2]	

	1		
	(b) [F81-OH2.2]		
	(c) [F81-OH2.1]		
	(d) [F81-OH2.1]		
	(e) [F81-OH2.1]		
(2)	[F81-OH1.1]		
(3)	[F81-OH1.1]		
(4)	[F81-OH1.1]		
(5)	[F81-OH1.1]		
(6)	[F81-OH1.1]		
(7)	[F81-OH1.1]		
2.4.2.2	2. Connection of Overflows from Rainwater Tanks		
(1)	[F81-OH2.2]		
2.4.2.3	B. Direct Connections		
(1)	[F81-OH2.2]		
(2)	[F81-OH2.1,OH2.4]		
(3)	[F81-OH2.4]		
2.4.2.4	4. Toilet Wall Supports		
(1)	[F20,F81-OH2.1,OH2.3]		
2.4.3.	I. Urinals		
(1)	[F81-OH2.4]		
2.4.3.2	2. Restricted Locations of Indirect Connections and Traps		
(1)	[F81-OH2.1,OH2.4]		
2.4.3.3	B. Equipment Restrictions Upstream of Grease Interceptors		
(1)	[F81-OH2.1]		
2.4.3.4	Fixtures Located in Chemicals Storage Locations		
(1)	[F81-OS1.1]		
	[F43-OH5]		
2.4.3.5	5. Macerating Toilet Systems		
(1)	[F72-OH2.1]		
2.4.3.6	2.4.3.6. Drains Serving Elevator Pits		
(1)	(a) [F62-OP5]		
	(b) [F81-OH2.1]		
2.4.3.	7. Retention Pits		
(1)	[F60,F61-OH1.1]		
(2)	[F81-OH1.1]		
	[F81-OH2.1]		
(3)	[F81-OH1.1] [F81-OH1.1]		
	[F40-OH1.1]		
(5)	[F30-OS3.1]		
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	rF04 0U0 4 0U0 0
(6)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(7)	[F81-OH2.1, OH2.2]
(8)	[F72-OH2.1] [F81-OH2.1]
(0)	[F72-OH2.1]
(9)	[F81-OS2.1]
	[F81-OP5]
(10)	[F81-OH1.1]
(11)	[F81-OH2.1]
(11)	[F43-OH1.1]
2.4.4.1	. Sewage Treatment
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH2.1]
2.4.4.2	. Cooling of Hot Water or Sewage
(1)	[F81-OH2.1]
2.4.4.3	3. Interceptors
(1)	[F81-OH2.1]
(2)	[F81-OS1.1]
	[F43-OH5]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
2.4.4.4	. Neutralizing and Dilution Tanks
(1)	[F80-OS3.4]
(2)	[F43-OH5]
	[F80-OH2.1]
2.4.5.1	. Traps for Sanitary Drainage Systems
(1)	[F81-OH1.1]
(6)	[F81-OH1.1]
	[F81-OP5]
2.4.5.2. Traps for Storm Drainage Systems	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
(3)	[F81-OP5]
2.4.5.3	S. Connection of Subsoil Drainage Pipe to a Sanitary Drainage System
(1)	[F81-OH2.1]
2.4.5.4	Location and Cleanout for Building Traps
(1)	[F81-OH2.1]
	[F81-OH1.1]
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2.4.5.5	2.4.5.5. Trap Seals	
(1)	[F81-OH1.1]	
(2)	[F81-OH1.1]	
	2.4.6.1. Separate Systems	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
(3)	[F81-OH1.1]	
	2. Location of Soil-or-Waste Pipes	
(1)	[F81-OH2.2]	
	B. Sumps or Tanks	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1] Applies to the watertightness of sumps or tanks.	
	[F81-OH1.1]	
(3)	[F81-OH2.1]	
(4)	[F81-OH2.1]	
(5)	[F81-OH2.1]	
(6)	[F81-OH2.1]	
(7)	[F81-OH2.1]	
(8)	[F81-OH2.1]	
	[F43-OH1.1]	
-	Protection from Backflow	
(1)	[F81-OH2.1]	
	[F81-OH1.1]	
(2)	[F81-OH1.1]	
	[F81-OH2.1]	
(3)	[F81-OH2.1]	
(6)	[F81-OH2.1]	
-	5. Mobile Home Sewer Service	
(1)	[F81-OH2.1]	
	. Cleanouts for Drainage Systems	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
(3)	[F81-OH2.1]	
(4)	[F81-OH2.1]	
(5)	[F81-OH2.1]	
(6)	[F81-OH2.1]	
(7)	[F81-OH2.1]	
(8)	[F81-OH2.1]	
(9)	[F81-OH2.1]	

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(10)	[F82-OH2.1]	
	[F82-OP5]	
(11)	[F81-OH2.1]	
	[F81-OP5]	
(12)	[F62-OH1.1]	
(12)	[F72-OH2.3]	
2.4.7.2	. Size and Spacing of Cleanouts	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
(3)	[F81-OH2.1]	
(4)	[F81-OH2.1]	
(5)	[F81-OH2.1]	
(6)	[F81-OH2.1]	
2.4.7.3	. Manholes	
(1)	[F20-OS3.1]	
(2)	(a) and (c) [F81-OH1.1]	
	(a) and (c) [F81-OS1.1]	
	b) [F20-OS3.1]	
(3)	[F30-OS3.1]	
(4)	[F81-OH2.1]	
2.4.7.4	. Location of Cleanouts	
(1)	[F81-OH2.1]	
(2)	(a) [F81-OS3.1]	
	(b) [F81-OH2.1]	
(3)	[F81-OH2.1]	
(4)	[F81-OH2.1] Applies to drainage piping.	
	[F81-OH1.1] Applies to vent piping.	
(5)	[F43-OH2.1]	
2.4.8.1	. Minimum Slope	
(1)	[F81-OH2.1]	
2.4.8.2	. Length of Fixture Outlet Pipes	
(1)	[F81-OH1.1]	
2.4.9.1. No Reduction in Size		
(1)	[F81-OH2.1]	
	[F81-OH1.1]	
2.4.9.2	2.4.9.2. Serving Water Closets	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
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(2)	[F81-OH2.1]	
(3)		
(4)	[F81-OH2.1]	
-	2.4.9.3. Size of Fixture Outlet Pipes	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
(3)	[F81-OP5]	
	[F81-OH1.1]	
2.4.9.4	4. Size of Building Drain and Building Sewer	
(1)	[F81-OH2.1]	
2.4.9.	5. Offset in Leaders	
(1)	[F81-OH2.1,OH2.3]	
(2)	[F81-OH2.1]	
2.4.10	.1. Total Load on a Pipe	
(1)	[F81-OH2.1]	
2.4.10	.2. Hydraulic Load on a Pipe	
(2)	[F81-OH2.1]	
2.4.10	.3. Hydraulic Loads from Fixtures with a Continuous Flow	
(1)	[F81-OH2.1]	
(2)	[F81-OH2.1]	
2.4.10	.4. Hydraulic Loads from Roofs or Paved Surfaces	
(1)	[F81-OP5]	
	[F20,F81-OS2.1]	
(2)	[F20,F81-OP5]	
	(a), (d) and (e) [F41,F81-OH2.4]	
	(b) and (c) [F20,F81-OS2.1]	
(3)	[F20,F81-OP5]	
	[F20,F81-OS2.1]	
(4)	[F20,F81-OP5]	
	[F20,F81-OS2.1]	
2.4.10	2.4.10.5. Conversion of Fixture Units to Litres	
(1)	[F81-OH2.1]	
	.6. Hydraulic Loads to Soil-or-Waste Pipes	
(1)	[F72-OH2.1,OH2.3]	
(2)	[F72-OH2.1,OH2.3]	
	.7. Hydraulic Loads on Branches	
(1)	[F72-OH2.1,OH2.3]	
	.8. Hydraulic Loads on Sanitary Building Drains or Sewers	
(1)	[F81-OH2.1,OH2.3]	
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(1) [F81-OH2.1,OH2.3] (2.4.10.10. Hydraulic Loads to Roof Gutters (1) [F81-OP5] (2.4.10.11. Hydraulic Loads on Leaders (1) [F81-OP5] (1) [F81-OP5] (2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow (1) [F81-OP5] (2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] (2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1] (19) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (25.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1]	2410	2.4.10.9. Hydraulic Loads on Storm or Combined Building Drains or Sewers		
2.4.10.10. Hydraulic Loads to Roof Gutters (1)				
(1) [F81-OP5] 2.4.10.11. Hydraulic Loads on Leaders (1) [F81-OP5] 2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow (1) [F81-OP5] 2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] (2) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1] (19) [F40,F81-OH1.1] (20) [F40,F81-OH1.1] (31) [F40,F81-OH1.1] (42) [F40,F81-OH1.1] (43) [F40,F81-OH1.1] (44) [F40,F81-OH1.1] (45) [F40,F81-OH1.1] (56) [F40,F81-OH1.1] (57) [F40,F81-OH1.1] (68) [F40,F81-OH1.1] (79) [F40,F81-OH1.1] (89) [F40,F81-OH1.1] (90) [F40,F81-OH1.1] (91) [F40,F81-OH1.1] (92) [F40,F81-OH1.1]				
2.4.10.11. Hydraulic Loads on Leaders (1) [F81-OP5] 2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow (1) [F81-OP5] 2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1] (19) [F40,F81-OH1.1] (20) [F40,F81-OH1.1] (31) [F40,F81-OH1.1] (42) [F40,F81-OH1.1] (43) [F40,F81-OH1.1] (44) [F40,F81-OH1.1] (55) [F40,F81-OH1.1] (65) [F40,F81-OH1.1] (76) [F40,F81-OH1.1] (87) [F40,F81-OH1.1] (98) [F40,F81-OH1.1] (99) [F40,F81-OH1.1] (90) [F40,F81-OH1.1] (90) [F40,F81-OH1.1] (91) [F40,F81-OH1.1] (92) [F40,F81-OH1.1]		-		
(1) [F81-OP5] 2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow (1) [F81-OP5] 2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (2) (F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]				
2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow (1) [F81-OP5] 2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1] (19) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]		-		
(1) [F81-OP5] 2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]				
2.4.10.13. Design of Storm Sewers (1) [F81-OH2.1] 2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]		-		
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2.5.1.1. Venting for Traps (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]				
(1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1]				
(2) [F81-OH1.1] 2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1]				
2.5.2.1. Wet Venting (1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]				
(1) [F81-OH1.1] 2.5.3.1. Circuit Venting (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (12) [F40,F81-OH1.1] (13) [F40,F81-OH1.1] (14) [F40,F81-OH1.1] (15) [F40,F81-OH1.1] (16) [F40,F81-OH1.1] (17) [F40,F81-OH1.1] (18) [F40,F81-OH1.1]				
2.5.3.1. Circuit Venting (1)	2.5.2.1			
(1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1]				
(2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] (2).5.4.1. Stack Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (20) [F40,F81-OH1.1] (31) [F40,F81-OH1.1] (42) [F40,F81-OH1.1] (43) [F40,F81-OH1.1]	2.5.3.1	Circuit Venting		
(3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (20) [F40,F81-OH1.1] (31) [F40,F81-OH1.1]	(1)	[F40,F81-OH1.1]		
(4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1]	(2)	[F40,F81-OH1.1]		
(5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F40,F81-OH1.1] (6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1]	(3)	[F40,F81-OH1.1]		
(6) [F40,F81-OH1.1] (7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5).4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(4)	[F40,F81-OH1.1]		
(7) [F40,F81-OH1.1] (8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(5)	[F40,F81-OH1.1]		
(8) [F40,F81-OH1.1] (9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(6)	[F40,F81-OH1.1]		
(9) [F40,F81-OH1.1] (10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(7)	[F40,F81-OH1.1]		
(10) [F40,F81-OH1.1] (11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(8)	[F40,F81-OH1.1]		
(11) [F40,F81-OH1.1] 2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(9)	[F40,F81-OH1.1]		
2.5.4.1. Stack Vents (1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(10)	[F40,F81-OH1.1]		
(1) [F40,F81-OH1.1] 2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(11)	[F40,F81-OH1.1]		
2.5.4.2. Vent Stacks (1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	2.5.4.1	Stack Vents		
(1) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(1)	[F40,F81-OH1.1]		
(3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	2.5.4.2	Vent Stacks		
(4) [F40,F81-OH1.1] 2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(1)	[F40,F81-OH1.1]		
2.5.4.3. Yoke Vents (1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]		[F40,F81-OH1.1]		
(1) [F40,F81-OH1.1] (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(4)	[F40,F81-OH1.1]		
(2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	2.5.4.3			
(2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1]	(1)	[F40,F81-OH1.1]		
(3) [F40,F81-OH1.1]	(2)	[F40,F81-OH1.1]		
		[F40,F81-OH1.1]		
		[F40,F81-OH1.1]		

(1) [F40,F81-OH1.1] 2.5.4.5. Fixtures Draining into Vent Pipes (1) [F40,F81-OH1.1] 2.5.5.1. Venting of Sewage Sumps (1) [F40,F81-OH1.1] 2.5.5.2. Venting of Oil Interceptors (1) [F40,F81-OS1.1] [F70,F81-OH2.1,OH2.3] [F40,F81-OS1.1] (2) [F40,F81-OS1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] (6) [F40,F81-OS1.1] (7) [F80,F81-OS1.1] (8) [F40,F81-OS1.1] (9) [F80,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1]	2544	. Offset Relief Vents						
2.5.4.5. Fixtures Draining into Vent Pipes (1)								
(1) [F40,F81-OH1.1] 2.5.5.1. Venting of Sewage Sumps (1) [F40,F81-OH1.1] 2.5.5.2. Venting of Oil Interceptors (1) [F40,F81-OS1.1] [F72,F81-OH2.1,OH2.3] [F40,F81-OS1.1] (2) [F40,F81-OS1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] (6) [F40,F81-OS1.1] (7) [F80,F81-OS1.1] (8) [F80,F81-OS1.1] (9) [F80,F81-OS1.1] (1) [F80,F81-OS3.4] (2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] (2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] (2) [F81-OH1.1] Applies to venting systems. (2) [F40,F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (10) [F81-OH1.1] (11) [F81-OH1.1] (12) [F81-OH1.1] (13) [F40,F81-OH1.1] (24) [F81-OH1.1] (35) [F81-OH1.1] (46) [F81-OH1.1] (57) [F81-OH1.1] (67) [F81-OH1.1] (78) [F81-OH1.1] (88) [F81-OH1.1] (99) [F81-OH1.1] (90) [F81-OH1.1] (91) [F81-OH1.1] (92) [F81-OH1.1] (93) [F81-OH1.1] (94) [F81-OH1.1] (95) [F81-OH1.1] (95) [F81-OH1.1] (96) [F81-OH1.1] (97) [F81-OH1.1] (98) [F81-OH1.1] (99) [F81-OH1.1] (90) [F81-OH1.1]		1 * 1						
2.5.5.1. Venting of Sewage Sumps (1)								
(1) [F40,F81-OH1.1] 2.5.5.2. Venting of Oil Interceptors (1) [F40,F81-OS1.1] [F72,F81-OH2.1,OH2.3] [F40,F81-OH1.1] (2) [F40,F81-OS1.1] [F40,F81-OS1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] (6) [F40,F81-OS1.1] (7) [F80,F81-OS1.1] (8) [F40,F81-OS1.1] (9) [F81,OH1.1] (1) [F81,OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (10) [F81-OH1.1] (11) [F81-OH1.1] (12) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1] (10) [F81-OH1.1] (11) [F81-OH1.1] (12) [F81-OH1.1] (13) [F81-OH1.1] (24) [F81-OH1.1] (35) [F81-OH1.1] (46) [F81-OH1.1] (57) [F81-OH1.1] (58) [F81-OH1.1] (69) [F81-OH1.1] (70) [F81-OH1.1] (80) [F81-OH1.1] (91) [F81-OH1.1]	_ ` '	1						
2.5.5.2. Venting of Oil Interceptors (1)	-							
(1) [F40,F81-OS1.1] [F72,F81-OH2.1,OH2.3] [F40,F81-OH1.1] (2) [F40,F81-OS1.1] [F40,F81-OS1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] (6) [F40,F81-OS1.1] (7) [F80,F81-OS1.1] (8) [F80,F81-OS3.4] (9) [F81,OH1.1] (9) [F81-OH1.1] (1) [F81-OH1.1] (2) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (10) [F81-OH1.1] (11) [F81-OH1.1] (12) [F81-OH1.1] (13) [F40,F81-OH1.1] (24) [F81-OH1.1] (35) [F81-OH1.1] (46) [F81-OH1.1] (57) [F81-OH1.1] (67) [F81-OH1.1] (78) [F81-OH1.1] (89) [F81-OH1.1] (90) [F81-OH1.1] (91) [F81-OH1.1] (92) [F81-OH1.1] (93) [F81-OH1.1] (94) [F81-OH1.1] (95) [F81-OH1.1] (96) [F81-OH1.1] (97) [F81-OH1.1] (98) [F81-OH1.1]		1 7 7						
[F72,F81-OH2.1,OH2.3] [F40,F81-OH1.1] [F40,F81-OS1.1] [F40,F81-OS1.1] [F40,F81-OS1.1] (4)								
[F40,F81-OH1.1] (2)	(1)							
(2) [F40,F81-OS1.1] [F40,F81-OS1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH2.1,OH2.3] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1]								
[F40,F81-OH1.1] (3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (1) [F81-OH1.1] (2) [F81-OH1.1]		 						
(3) [F40,F81-OS1.1] (4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1]	(2)							
(4) [F40,F81-OS1.1] (5) [F40,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH2.1,OH2.3] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1]		1						
(5) [F40,F81-OS1.1] 2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1]	(3)	1						
2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste (1)	(4)							
(1) [F80,F81-OS3.4] 2.5.5.4. Fresh Air Inlets (1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1]	<u> </u>	1						
2.5.5.4. Fresh Air Inlets (1)	2.5.5.3	. Venting of Drain Piping and Dilution Tanks for Corrosive Waste						
(1) [F81-OH1.1] 2.5.5.5. Provision for Future Installations (1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1]	(1)	[F80,F81-OS3.4]						
2.5.5.5. Provision for Future Installations (1)	2.5.5.4. Fresh Air Inlets							
(1) [F81-OH1.1] Applies to venting systems. [F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F40,F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1]	(1)	[F81-OH1.1]						
[F81-OH2.1,OH2.3] Applies to drainage systems. (2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1]								
(2) [F40,F81-OH1.1] 2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(1)	[F81-OH1.1] Applies to venting systems.						
2.5.6.1. Drainage of Vent Pipes (1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]		[F81-OH2.1,OH2.3] Applies to drainage systems.						
(1) [F81-OH1.1] [F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(2)	[F40,F81-OH1.1]						
[F81-OS1.1] 2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	2.5.6.1	. Drainage of Vent Pipes						
2.5.6.2. Vent Pipe Connections (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(1)	[F81-OH1.1]						
(1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]		[F81-OS1.1]						
(2) [F81-OH1.1] (3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	2.5.6.2	Vent Pipe Connections						
(3) [F40,F81-OH1.1] (4) [F43-OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(1)	[F81-OH1.1]						
(4) [F43–OS3.4,OH1.1] 2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(2)	[F81-OH1.1]						
2.5.6.3. Location of Vent Pipes (1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(3)	[F40,F81-OH1.1]						
(1) [F81-OH1.1] (2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(4)	[F43-OS3.4,OH1.1]						
(2) [F81-OH2.1,OH2.3] (3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	2.5.6.3	Location of Vent Pipes						
(3) [F81-OH1.1] (4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(1)	[F81-OH1.1]						
(4) [F40,F81-OH1.1] 2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(2)	[F81-OH2.1,OH2.3]						
2.5.6.4. Connection of Vents above Fixtures Served (1) [F81-OH1.1]	(3)	[F81-OH1.1]						
(1) [F81-OH1.1]	(4)	[F40,F81-OH1.1]						
	2.5.6.4. Connection of Vents above Fixtures Served							
(2) [F81-OH1.1]	(1)	[F81-OH1.1]						
	(2)	[F81-OH1.1]						

2.5.6.5. Terminals (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1] 2.5.8.3. Branch Vents, Vent Headers, Continuous Vents and Circuit Vents	0.5.0.5	Tomotosta
(2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH2.1] (1) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1]		
(3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (9) [F81-OH1.1] (1) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH2.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1] (10) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1]		
(4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) [F81-OH1.1] (6) [F81-OH1.1] (7) [F81-OH1.1] (8) [F81-OH1.1] (9) [F81-OH1.1]		
(5) [F81-OH1.1] (6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] (2) [F81-OH1.1] (2) [F81-OH1.1] (3) [F81-OH1.1] (4) [F81-OH1.1] (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(3)	
(6) [F81-OH1.1] 2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(4)	
2.5.7.1. General (1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.3. Additional Circuit Vents and Relief Vents (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(5)	[F81-OH1.1]
(1) [F81-OH1.1] 2.5.7.2. Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.3. Additional Circuit Vents and Relief Vents (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]		
2.5.7.2 Size Restriction (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.3 Additional Circuit Vents and Relief Vents (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4 Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5 Yoke Vents (1) [F81-OH1.1] 2.5.7.6 Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7 Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1 Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2 Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.1.	General
(1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.3. Additional Circuit Vents and Relief Vents (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(1)	[F81-OH1.1]
(2) [F81-OH1.1] 2.5.7.3. Additional Circuit Vents and Relief Vents (1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.2.	Size Restriction
2.5.7.3. Additional Circuit Vents and Relief Vents (1)	(1)	[F81-OH1.1]
(1) [F81-OH1.1] (2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(2)	[F81-OH1.1]
(2) [F81-OH1.1] 2.5.7.4. Offset Relief Vents (1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.3.	Additional Circuit Vents and Relief Vents
2.5.7.4. Offset Relief Vents (1)	(1)	[F81-OH1.1]
(1) [F81-OH1.1] 2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(2)	[F81-OH1.1]
2.5.7.5. Yoke Vents (1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.4.	Offset Relief Vents
(1) [F81-OH1.1] 2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(1)	[F81-OH1.1]
2.5.7.6. Vent Pipes for Manholes (1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.5.	Yoke Vents
(1) [F81-OH2.1] 2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(1)	[F81-OH1.1]
2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.7.6.	Vent Pipes for Manholes
Systems (1) [F81-OH2.1] (2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(1)	[F81-OH2.1]
(2) [F81-OH2.1] (3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]		
(3) [F81-OH1.1] 2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(1)	[F81-OH2.1]
2.5.8.1. Hydraulic Loads Draining to Wet Vents (1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(2)	[F81-OH2.1]
(1) [F81-OH1.1] 2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	(3)	[F81-OH1.1]
2.5.8.2. Individual Vents and Dual Vents (1) [F81-OH1.1]	2.5.8.1.	Hydraulic Loads Draining to Wet Vents
(1) [F81-OH1.1]	(1)	[F81-OH1.1]
	2.5.8.2.	Individual Vents and Dual Vents
2.5.8.3. Branch Vents, Vent Headers, Continuous Vents and Circuit Vents	(1)	[F81-OH1.1]
	2.5.8.3.	Branch Vents, Vent Headers, Continuous Vents and Circuit Vents
(1) [F81-OH1.1]	(1)	[F81-OH1.1]
2.5.8.4. Vent Stacks or Stack Vents	2.5.8.4.	Vent Stacks or Stack Vents
(3) [F81-OH1.1]	(3)	[F81-OH1.1]
(4) [F81-OH1.1]	(4)	[F81-OH1.1]
2.5.9.2. Air Admittance Valves	2.5.9.2.	Air Admittance Valves
(1) [F40,F81-OH1.1]	(1)	[F40,F81-OH1.1]
(2) [F40,F81-OH1.1]	(2)	[F40,F81-OH1.1]

2.5.9.3	Installation Conditions						
(1)	[F40,F81-OH1.1]						
(2)	[F40,F81-OH1.1]						
(3)	[F40,F81-OH1.1]						
(4)	[F40,F81-OH1.1]						
(5)	[F40,F81-OH1.1]						
<u> </u>	Design						
(1)	[F31-OS3.2]						
(2)	[F71-OH2.3]						
(3)	[F40-OH1.1]						
(4)	[F40-OH1.1]						
2.6.1.2	. Drainage						
(1)	[F81-OP5]						
2.6.1.3	Shut-off Valves						
(1)	[F81-OP5]						
(2)	[F81-OP5]						
(3)	[F81-OP5]						
(4)	[F81-OP5]						
(5)	[F70,F72-OH2.1,OH2.3]						
(6)	[F70,F72-OH2.1,OH2.3]						
(7)	[F70,F81-OH2.1,OH2.3]						
2.6.1.4	Protection for Exterior Water Supply						
(1)	[F81-OP5]						
2.6.1.5	. Check Valves						
(1)	[F20,F81-OP5]						
2.6.1.6	Flushing Devices						
(1)	[F72-OH2.1]						
(2)	[F72-OH2.1]						
(3)	[F130-OE1.2]						
(4)	[F81-OH2.1]						
(5)	[F130-OE1.2]						
2.6.1.7	Relief Valves						
(1)	[F31,F81-OS3.2]						
(2)	[F81-OS3.1,OS3.2]						
(4)	(a) [F31-OS3.2] [F81-OS1.1] (b) [F81-OS3.1,OS3.2]						
(5)	[F31-OS3.2]						
	(b) [F81-OH2.2] Applies to the size of air breaks.						
(6)	[F31-OS3.2]						
(7)	[F31-OS3.2]						

(8)	[F81-OS3.2]								
(9)	[F81-OP5]								
(10)	[F81-OP5]								
	2.6.1.8. Solar Domestic Hot Water Systems								
(1)	[F31-OS3.2] [F81-OS3.4]								
	[F70-OH2.2]								
2.6.1.9	Water Hammer								
(1)	[F20,F81-OS3.2]								
	[F20,F81-OP5]								
2.6.1.1	D. Mobile Home Water Service								
(1)	[F71,F70,F46-OH2.2,OH2.3]								
2.6.1.1	1. Thermal Expansion								
(1)	[F20,F81,F46-OP5]								
2.6.1.1	2. Service Water Heaters								
(1)	[F40-OS3.4]								
(2)	[F30,F31-OS3.1,OS3.2] [F46-OH1.1]								
2.6.2.1	Connection of Systems								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
(3)	[F70,F81,F82-OH2.2,OH2.3]								
2.6.2.2	Back-Siphonage								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
2.6.2.3	Backflow Caused by Back Pressure								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
(3)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
2.6.2.4	Backflow from Fire Protection Systems								
(2)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]								
(3)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]								
(4)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]								
2.6.2.5	Separation of Water Supply Systems								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
2.6.2.6	Premise Isolation								
(1)	[F70,F81,F82-OH2.1,OH2.2,OH2.3]								
2.6.2.7	Hose Bibb								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								
2.6.2.8	Cleaning of Systems								
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]								

2.6.2.9. Air Gap (1) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] 2.6.2.10. Vacuum Breakers (2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (3) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (4) [F70,F81,F46-OH2.1,OH2.2,OH2.3] 2.6.2.11. Tank-Type Water Closets
(2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] 2.6.2.10. Vacuum Breakers (2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (3) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (4) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.10. Vacuum Breakers (2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (3) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (4) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (3) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (4) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
(3) [F70,F81,F46-OH2.1,OH2.2,OH2.3] (4) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
(4) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
2 6 2 11 Tank-Type Water Closets
Z.G.Z. T. TGIM Typo Trator Globato
(1) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.12. Backflow Preventers
(1) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.13. Personal Hygiene Devices
(1) [F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.3.1. Design, Fabrication and Installation
(1) [F71,F72-OH2.1,OH2.3]
(2) [F72-OH2.1] [F70-OH2.2] [F71-OH2.3]
(3) [F81,F81-OS1.4]
[F70,F71-OH2.1,OH2.3]
[F81-OP5]
2.6.3.2. Hydraulic Load
(1) [F71,F72-OH2.1,OH2.3]
(2) [F71,F72-OH2.1,OH2.3]
(3) [F71,F72-OH2.1,OH2.3]
(4) [F81-OH2.1,OH2.2]
2.6.3.3. Static Pressure
(1) [F81-OS3.2]
2.6.3.4. Size
(1) [F71,F72-OH2.1,OH2.3]
(2) [F71,F72-OH2.1,OH2.3]
(3) [F71,F72-OH2.1,OH2.3]
(4) [F81-OH2.3]
(5) [F71,F72-OH2.1,OH2.3]
2.6.3.5. Velocity
(1) [F81-OH2.1,OH2.3]
[F81-OP5]
[F81-OS3.1]
2.7.1.1. Not Permitted
(1) [F46-OH2.2]

2.7.2.1. Markings Required						
(1)	[F46-OH2.2]					
2.7.3.1	Pipes					
(1)	[F46-OH2.2]					
2.7.3.2. Outlets						
(1)	[F46-OH2.2]					
2.7.4.1. Non-potable Water Systems Design						
(1)	[F81-OH2.1]					
(2)	[F82-OH2.2]					

⁽¹⁾ See Parts 2 and 3 of Division A.

(69) by inserting, in Tables A-2.2.5., 2.2.6. and 2.2.7., after

"

PVC	ASTM	2.2.5.7.2.(2)	Ν	Ν	Ν	N	N	Ν	P ⁽⁴⁾⁽⁵⁾	Р	Р
fittings,	D										
Schedule	2467										
80											
											"

the following:

"

Pipes made	CSA	2.2.5.14.(1)	Ν	Ν	Ν	Ν	Ν	$P^{(4)(5)}$	$P^{(4)(5)}$	Р	Р
of	B137.18										
polyethylene											
of raised											
temperature											
resistance											
(PE-RT)											
(1 = 1(1)										"	

(70) by adding the following after note A-2.2.5.13.:

"A-2.2.5.14. (1) Pipes Made of Polyethylene of Raised Temperature Resistance. It should be pointed out that CSA B137.18, "Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications", has specific installation requirements that shall be met.";

(71) by replacing note A-2.2.10.7. by the following:

"A-2.2.10.7. Water Temperature Control. Hot water produced by a service water heater shall be at a minimum temperature of 60 °C to prevent the development of potentially fatal bacteria. At that temperature, water causes second degree burns to the skin in 1 to 5 seconds. Consequently, Article 2.2.10.7. provides for the installation and adjustment of valves, mixing valves and limiting devices to provide a water outlet temperature that is lower than the temperature produced by a service water heater. Compliance with that Article reduces the risk of scalding in showers and bathtubs, where severe burns occur, and reduces the risk of thermal shock that may occur in the shower and lead to falls.

Children, the elderly and persons with disabilities are particularly at risk of scald burns because they are not always able to remove themselves quickly from a situation that could lead to burns. At 49 °C, the time for a scald burn to occur on a healthy adult is nearly 10 minutes, whereas the time for a skin burn to occur on an elderly is 3 minutes, because the elderly's skin is thinner and less vascularized. For those persons, a temperature of 43 °C provides a more adapted protection against burns because they can only occur after a number of hours of exposure.

In private seniors' residences and care occupancies, Article 2.2.10.7. provides that the valves and thermostatic-mixing valves shall be adjusted to provide a maximum water outlet temperature at 43 °C. The installation of pressure-balanced valves is also prohibited, because those valves are sensitive to seasonal changes of the cold water temperature and require some settings per year in order not to exceed the prescribed temperature.

The water outlet temperature at other fixtures, such as lavatories, sinks, laundry trays or bidets, is not addressed by Article 2.2.10.7., but a scald risk may exist at such fixtures nonetheless.";

(72) by replacing Figure A-2.3.3.9. in note A-2.3.3.9. by the following:

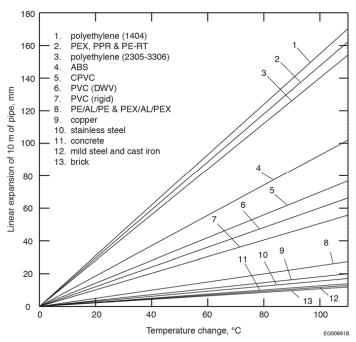


Figure A-2.3.3.9. Linear Expansion

 $(73)\,$ by replacing Figure A-2.4.2.1.(2) in note A-2.4.2.1.(2) by the following:

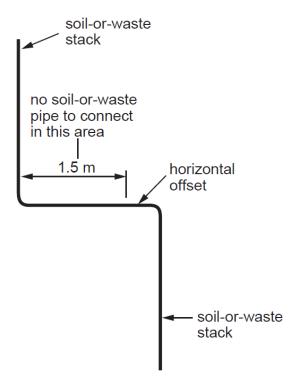


Figure A-2.4.2.1.(2) Soil-or-Waste Pipe Connections

(74) by replacing note A-2.4.2.1.(4) by the following:

"A-2.4.2.1.(4) Soil-or-Waste Pipe Connections.

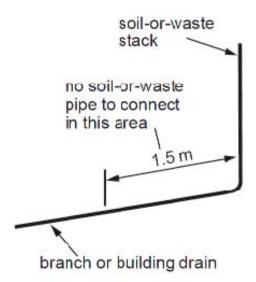


Figure A-2.4.2.1.(4)
Soil-or-Waste Pipe Connections
A-2.4.2.1.(5) Soil-or-Waste Pipe Connections.

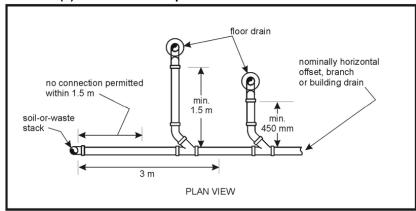


Figure A-2.4.2.1.(5)
Soil-or-Waste Pipe Connections

A-2.4.2.1.(6) and (7) Suds pressure zones. High sudsing detergents used in clothes washers produce suds that tend to disrupt the venting action of venting systems and can also spread through the lower portions of multi-storey drainage systems. The more turbulence, the greater the suds. One solution that avoids the creation of suds pressure zones involves connecting the suds-producing stack downstream of all other stacks and increasing the size of the horizontal building drain to achieve a greater flow of air and water. Using streamlined fittings, such as wyes, tends to reduce suds formation. Check valves or backwater valves in fixture outlet pipes have also been used to correct problem installations.

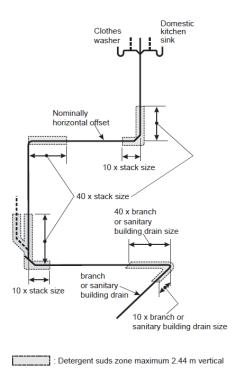


Figure A-2.4.2.1.(6) and (7) Suds pressure zones

(75) by replacing note A-2.4.4.3.(1) by the following:

"A-2.4.4.3.(1) Grease Interceptors. Grease interceptors may be required when it is considered that the discharge of fats, oil or grease may impair the drainage system. Further information on the design and sizing of grease interceptors can be found in ASPE document "Data Book – Volume 4, Chapter 8, Grease Interceptors" or in CAN/CSA-B481 Series.";

(76) by replacing note A-2.4.5.3.(1) by the following:

"A-2.4.5.3.(1) Subsoil Drainage Connections. This Code does not regulate the installation of subsoil drainage pipes, but does regulate the connection of such pipes to the plumbing system. The intent of this Article is to place a trap between the subsoil drainage pipe and the storm water or combined system. The cleanout shall be installed in accordance with Sentence 2.4.7.1.(2).

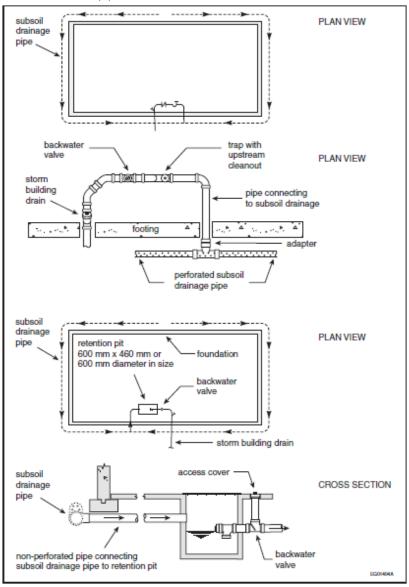


Figure A-2.4.5.3.(1)
Subsoil Drainage Connections

- (77) in note A-2.4.5.5.(1), by striking out "Periodic manual replenishment of the water in a trap is considered to be an equally effective means of maintaining the trap seal in floor drains in residences.";
- (78) by inserting the following after note A-2.4.5.5.(1):
- "A-2.4.5.5.(2) Maintaining Trap Seals in Floor Drains in Dwelling Units. Periodic manual replenishment of the water in a trap maintains the trap seal in floor drains in dwelling units.";
- (79) by striking out note A-2.4.6.4.(6);
- (80) by replacing note A-2.4.8.2.(1) by the following:

"A-2.4.8.2.(1) Island Fixture Installation.

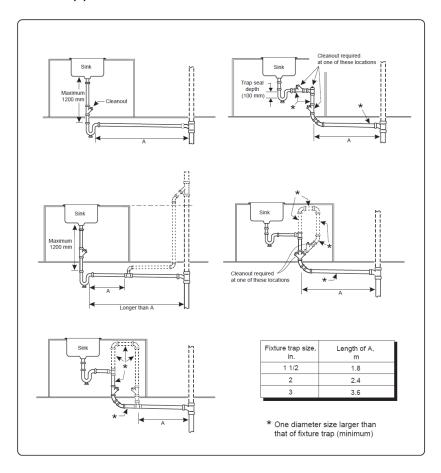


Figure A-2.4.8.2.(1) Island Fixture Installation.

- (81) in note A-2.5.2.1.,
 - (a) by replacing Figure A-2.5.2.1.-E by the following:

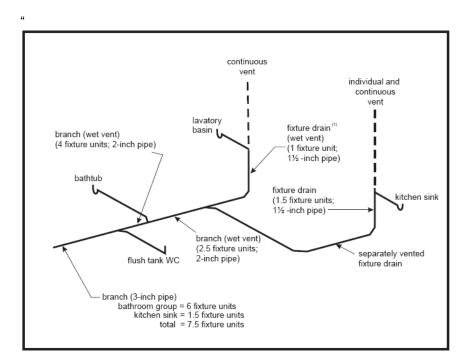
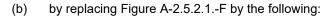


Figure A-2.5.2.1.-E Example of Wet Venting Described in Clause 2.5.2.1.(1)(f)

(1) The load from the separately vented kitchen sink is included when sizing this pipe.



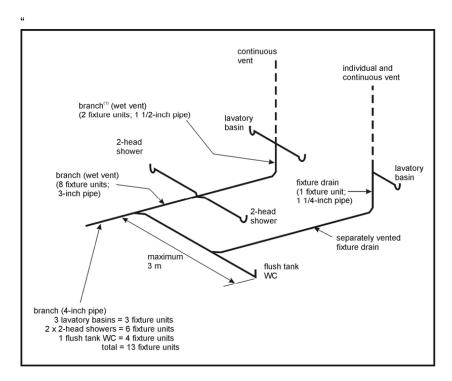


Figure A-2.5.2.1.-F Example of Wet Venting Described in Clause 2.5.2.1.(1)(f)

(1) The load from the separately vented lavatory basin is included when sizing this pipe.

(82) by replacing note A-2.5.5.2. by the following:

"A-2.5.5.2. Venting of Oil Interceptors.

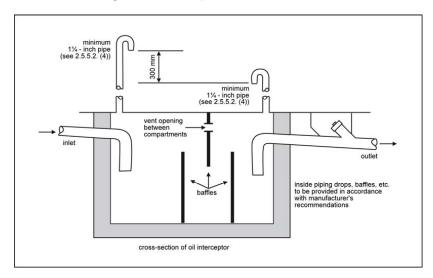


Figure A-2.5.5.2. Venting of Oil Interceptors

- (83) by replacing note A-2.6.1.12.(1) by the following:
- "A-2.6.1.12.(1) Service Water Heater. Water in a service water heater or in a distribution system that is kept at less than 60 °C permits Legionella bacteria to survive and thrive. Water heated at a temperature equal to or greater than 60 °C reduces bacterial contamination of the hot water distribution system.";
- (84) in note A-2.6.3.1.(2), by inserting the following after the title "Method for Small Buildings":
- ""Small building" means a building of groups A, D, E, F2 or F3, as defined in Subsection 3.1.2., Division B of the NBC, not more than 3 storeys in building height (according to the definition of the NBC), and having a building area not more than 600 m².";
- (85) by striking out "and irrigating lawns and gardens" after "such as flushing toilets" in note A-2.7.4.1.
- **3.06.** The Code is amended in Division C,
 - (1) by revoking Article 2.2.1.1.;
 - (2) by replacing Subsection 2.2.2. by the following:

"2.2.2. Plans and Specifications

2.2.2.1. Requirements

- (1) A plumbing contractor or owner-builder may not begin construction work on a *plumbing system* to which Chapter III of the *Construction Code* applies unless there are plans and specifications for the work, if the total hydraulic load to be installed exceeds 180 *fixture units*.
- (2) Sentence (1) does not apply to construction work on a *plumbing system* in a *building* to which Part 9 of Division B of the National Building Code, as adopted by Chapter I of the *Construction Code*, applies.
- (3) When required, the plans and specifications shall be available on the worksite.

2.2.2.2. Content

- (1) Plans shall be drawn to scale and show
- (a) a plan view of the location and dimension of the drains and *cleanouts*, the location of *fixtures* and the *water distribution system*,
- (b) an elevation view of the location of *fixtures* and *traps*, the dimension of drains, *leaders*, *soil-or-waste stacks*, *stack vents* and *vent stacks* as well as the *water distribution system*;
- (c) the connection of the *subsoil drainage pipe* if it enters the *building*.";
 - (3) by adding the following after Subsection 2.2.2.:

"2.2.3. Approval of Materials

2.2.3.1. Approved Materials, Fixtures and Facilities used in a Plumbing System

- (1) In a plumbing system, only materials, fixtures or facilities that are certified or approved by one of the following organizations may be used:
 - (a) Canadian Gas Association (CGA),
 - (b) Bureau de normalisation du Québec (BNQ),
 - (c) CSA Group (CSA),
 - (d) IAPMO Group (UPC),
 - (e) Underwriters' Laboratories of Canada (ULC),

- (f) NSF International (NSF),
- (g) Canadian General Standards Board (CGSB),
- (h) Quality Auditing Institute (QAI),
- (i) Intertek Testing Services NA Itd. (ETL),
- (j) Underwriters Laboratories Inc. (UL),
- (k) Water Quality Association (WQA),
- (I) ICC Evaluation Service (ICC-ES),
- (m) any other organization accredited by the Standards Council of Canada as a certifying organization in the field of plumbing which has notified the Board of its accreditation.

2.2.3.2. Sale and lease

(1) Materials, fixtures or facilities to be used in a *plumbing* system shall be certified or approved by an organization listed in Sentence 2.2.3.1.(1) before being sold or leased.

2.2.4. Declaration of Work

2.2.4.1. Application

(1) A plumbing contractor or owner-builder shall declare to the Board all construction work performed and to which Chapter III of the *Construction Code* applies if the work pertains to a new *plumbing system* or requires the replacement of a *service water heater* or pipes.

2.2.4.2. Submission of the Declaration

(1) The declaration required under Article 2.2.4.1. shall be forwarded to the Board not later than the twentieth day of the month following the date on which work starts.

2.2.4.3. Form

(1) The declaration of work shall be made on the form provided by the Board or on any other document prepared for that purpose.

2.2.4.4. Content

- (1) The declaration shall contain
- (a) the address of the site where the work is performed,

- (b) the name, address and telephone number of the person for whom the work is performed,
- (c) the name, address, telephone number and licence number of the plumbing contractor or owner-builder, where applicable,
 - (d) the estimated start and end dates of the construction work,
 - (e) the nature and type of the work,
- (f) the *occupancy* of the *building* or facility intended for use by the public and the existing and planned number of *storeys*, and
- (g) the number of fixtures and service water heaters to be installed.

2.2.5. Fees Payable

2.2.5.1. Calculation

- (1) The following fees shall be paid to the Board by the plumbing contractor or owner-builder, when the plumbing contractor declares the construction work pertaining to *plumbing systems* for which a declaration is required under Article 2.2.4.1.:
- (a) \$155.17 for a new single-family detached or semi-detached house or row house.
- (b) \$93.93 per *dwelling unit* other than those covered by Clause (a) for the construction of a new *building* intended for housing or for the conversion of a *building* of another nature into a *building* intended for housing, regardless of the number of fixtures and *service water heaters*, or
- (c) in the case of work other than work covered by Clauses (a) and (b),
- (i) \$12.46 per fixture or *service water heater*, where the work is performed on more than one, or
- (ii) \$21.36 where the work is performed on only one or no fixture or service water heater.
- (2) A plumbing contractor or owner-builder shall pay the following inspection fees to the Board for the inspection of a *plumbing system* following the issue of a remedial notice provided for in section 122 of the Building Act (chapter B-1.1):
 - (a) \$104.81 for the first hour or any fraction thereof,
- (b) half the hourly rate established in Clause (a) for each half-hour or fraction thereof added to the first hour,

(3) A plumbing owner-builder shall pay to the Board the inspection fees fixed in Clauses (a) and (b) of Sentence (2) for the inspection of a *plumbing system*.

2.2.5.2. Sending

- (1) The fees payable under Sentence 2.2.5.1.(1) shall be included with the declaration of work required under Article 2.2.4.1.
- (2) The fees payable under Sentences 2.2.5.1.(2) and (3) shall be paid not later than 30 days after the billing date.";
 - (4) by replacing Subsection 2.3.1. by the following:

"2.3.1. Approval of Alternative Solutions 2.3.1.1. Conditions for Approval

(1) The proposed alternative solutions shall be approved by the Board on the conditions it sets pursuant to section 127 of the Building Act (chapter B-1.1).".

DIVISION III

OFFENCE

- **3.07.** Every contravention against a provision of this Chapter, except Subsection 2.2.5 of Division C of the Code, introduced by paragraph 3 of section 3.06, constitutes an offence.
- **2.** This Regulation comes into force on the forty-fifth day following the date of its publication in the *Gazette officielle du Québec*.

However, the former provisions of Chapter III, Plumbing, of the Construction Code (chapter B-1.1, r. 2), as they read on (insert the date of the day preceding the date of coming into force of this Regulation), may apply to construction work on a plumbing system that begins before (insert the date corresponding to 6 months following the date of coming into force of this Regulation).

Draft Regulation

Code of Civil Procedure (chapter C-25.01)

Basic Parental Contribution Determination Table —Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the Regulation to amend the Regulation respecting the Basic Parental Contribution Determination Table, appearing below, may be made by the Minister of Justice on the expiry of 45 days following this publication.

The draft Regulation replaces Schedule I to the Regulation respecting the Basic Parental Contribution Determination Table (chapter C-25.01, r. 12) so as to determine for the year 2021, according to the fiscal parameters of 2020, the basic contribution of parents as well as the amount of the basic deduction provided therein.

Study of the matter has shown no significant impact on the public and on enterprises, including small and medium-sized businesses.

Further information on the draft Regulation may be obtained by contacting Annie Gauthier, Direction du soutien aux orientations, des affaires législatives et de la refonte, Ministère de la Justice, 1200, route de l'Église, 4° étage, Québec (Québec) GIV 4M1; telephone: 418 559-4655; fax: 418 643-9749; email: annie.gauthier@justice.gouv.qc.ca.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to the Minister of Justice, 1200, route de l'Église, 9° étage, Québec (Québec) GIV 4M1.

SIMON JOLIN-BARRETTE, *Minister of Justice*

Regulation to amend the Regulation respecting the Basic Parental Contribution Determination Table

Code of Civil procedure (chapter C-25.01, a. 443, 2nd par.)

- **1.** The Regulation respecting the Basic Parental Contribution Determination Table (chapter C-25.01, r. 12) is amended by replacing Schedule I by Schedule I attached to this Regulation.
- **2.** This Regulation comes into force on 1 January 2021.

SCHEDULE I

(s. 1)

BASIC PARENTAL CONTRIBUTION DETERMINATION TABLE (EFFECTIVE AS OF 1 JANUARY 2021)

Disposable	Basic Annual Contribution (\$)					
Income of	Number of Children					
Parents (\$)	1 child	2 children	3 children	4 children	5 children	6 children ⁽¹⁾
1 - 1000	500	500	500	500	500	500
1 001 - 2 000	1 000	1 000	1 000	1 000	1 000	1 000
2 001 - 3 000	1 500	1 500	1 500	1 500	1 500	1 500
3 001 - 4 000	2 000	2 000	2 000	2 000	2 000	2 000
4 001 - 5 000	2 500	2 500	2 500	2 500	2 500	2 500
5 001 - 6 000	3 000	3 000	3 000	3 000	3 000	3 000
6 001 - 7 000	3 310	3 500	3 500	3 500	3 500	3 500
7 001 - 8 000	3 360	4 000	4 000	4 000	4 000	4 000
8 001 - 9 000	3 380	4 500	4 500	4 500	4 500	4 500
9 001 - 10 000	3 380	5 000	5 000	5 000	5 000	5 000
10 001 - 12 000 12 001 - 14 000	3 520	5 460	6 000	6 000 7 000	6 000 7 000	6 000 7 000
14 001 - 14 000	3 630 3 810	5 650 5 880	6 690 7 030	7 000 8 000	8 000	8 000
16 001 - 18 000	4 000	6 170	7 410	8 660	9 000	9 000
18 001 - 18 000	4 210	6 480	7 830	9 210	10 000	10 000
20 001 - 22 000	4 500	6 900	8 390	9 860	11 000	11 000
22 001 - 24 000	4 760	7 320	8 910	10 480	12 000	12 000
24 001 - 26 000	5 040	7 750	9 450	11 160	12 870	13 000
26 001 - 28 000	5 280	8 070	9 950	11 780	13 660	14 000
28 001 - 30 000	5 510	8 380	10 330	12 320	14 290	15 000
30 001 - 32 000	5 690	8 630	10 730	12 850	14 920	16 000
32 001 - 34 000	5 870	8 880	11 120	13 300	15 520	17 000
34 001 - 36 000	6 060	9 100	11 430	13 740	16 060	18 000
36 001 - 38 000	6 200	9 350	11 690	14 030	16 390	18 740
38 001 - 40 000	6 380	9 540	11 930	14 330	16 730	19 110
40 001 - 42 000	6 540	9 740	12 200	14 630	17 070	19 520
42 001 - 44 000	6 730	9 990	12 470	14 940	17 420	19 890
44 001 - 46 000	6 910	10 210	12 750	15 300	17 830	20 380
46 001 - 48 000	7 090	10 500	13 090	15 710	18 330	20 940
48 001 - 50 000	7 290	10 730	13 440	16 140	18 840	21 540
50 001 - 52 000	7 500	11 000	13 800	16 610	19 390	22 200
52 001 - 54 000 54 001 - 56 000	7 700 7 890	11 290 11 550	14 160 14 510	17 020 17 510	19 890 20 470	22 770 23 430
56 001 - 58 000	7 890 8 090	11 830	14 870	17 900	20 470	23 430
58 001 - 60 000	8 290	12 070	15 200	18 330	21 480	24 600
60 001 - 62 000	8 490	12 340	15 540	18 750	21 960	25 150
62 001 - 64 000	8 660	12 580	15 890	19 190	22 490	25 800
64 001 - 66 000	8 840	12 840	16 240	19 610	22 990	26 360
66 001 - 68 000	9 050	13 070	16 530	20 010	23 470	26 950
68 001 - 70 000	9 190	13 300	16 860	20 440	24 010	27 580
70 001 - 72 000	9 360	13 530	17 180	20 810	24 470	28 110
72 001 - 74 000	9 520	13 760	17 500	21 230	24 980	28 720
74 001 - 76 000	9 720	13 980	17 810	21 660	25 510	29 340
76 001 - 78 000	9 850	14 160	18 060	21 980	25 870	29 780
78 001 - 80 000	9 980	14 360	18 330	22 300	26 270	30 240
80 001 - 82 000	10 110	14 520	18 550	22 580	26 610	30 650
82 001 - 84 000	10 230	14 690	18 790	22 880	26 980	31 080
84 001 - 86 000	10 410	14 860	19 030	23 160	27 330	31 470
86 001 - 88 000	10 490	14 980	19 180	23 390	27 600	31 800
88 001 - 90 000	10 560	15 090	19 320	23 560	27 790	32 040
90 001 - 92 000	10 640	15 200	19 510	23 780	28 090	32 380
92 001 - 94 000 94 001 - 96 000	10 730	15 310	19 650	23 970	28 290	32 610
94 001 - 96 000 96 001 - 98 000	10 840 10 900	15 430 15 540	19 820 19 940	24 190 24 370	28 570 28 780	32 930 33 220
98 001 - 98 000	10 900	15 540 15 630	20 080	24 570	28 780 28 970	33 420 33 420
20 001 - 100 000	10 990	13 030	40 000	24 310	20 9 / 0	33 440

B. 11				S	(ft)	
Disposable Basic Annual Contribution (S				(\$)		
Income of	Number of Children				(1)	
Parents (\$)	1 child	2 children	3 children	4 children	5 children	6 children (1)
100 001 - 102 000	11 060	15 720	20 220	24 690	29 190	33 680
102 001 - 104 000	11 120	15 800	20 350	24 840	29 400	33 910
104 001 - 106 000 106 001 - 108 000	11 200 11 260	15 900 16 000	20 460 20 610	25 030 25 200	29 600 29 820	34 150 34 390
108 001 - 108 000	11 330	16 080	20 760	25 200 25 370	30 020	34 630
110 001 - 112 000	11 410	16 170	20 890	25 510	30 240	34 890
112 001 - 114 000	11 490	16 250	21 030	25 690	30 470	35 120
114 001 - 116 000	11 570	16 350	21 160	25 860	30 660	35 370
116 001 - 118 000	11 650	16 450	21 300	26 020	30 880	35 630
118 001 - 120 000	11 720	16 540	21 440	26 220	31 090	35 850
120 001 - 122 000	11 790	16 630	21 560	26 370	31 300	36 100
122 001 - 124 000	11 850	16 740	21 710	26 550	31 520	36 340
124 001 - 126 000	11 930	16 830	21 840	26 700	31 740	36 600
126 001 - 128 000	12 020	16 910	21 990	26 890	31 960	36 860
128 001 - 130 000 130 001 - 132 000	12 080 12 160	17 020 17 120	22 120 22 280	27 050 27 220	32 160 32 380	37 100 37 340
130 001 - 132 000	12 160 12 220	17 120 17 200	22 400	27 220	32 380 32 600	37 540 37 590
134 001 - 134 000	12 300	17 300	22 530	27 570	32 800	37 840
136 001 - 138 000	12 390	17 380	22 690	27 730	33 030	38 080
138 001 - 140 000	12 450	17 480	22 820	27 920	33 240	38 340
140 001 - 142 000	12 520	17 560	22 940	28 060	33 440	38 560
142 001 - 144 000	12 590	17 670	23 080	28 220	33 640	38 790
144 001 - 146 000	12 660	17 740	23 200	28 360	33 850	39 020
146 001 - 148 000	12 740	17 830	23 340	28 560	34 030	39 260
148 001 - 150 000	12 810	17 930	23 460	28 700	34 250	39 490
150 001 - 152 000	12 880	18 010	23 590	28 850	34 440	39 710
152 001 - 154 000	12 940	18 090	23 710	29 020	34 650	39 920
154 001 - 156 000 156 001 - 158 000	13 020 13 080	18 190 18 280	23 870 23 980	29 180 29 330	34 860 35 040	40 180 40 420
158 001 - 160 000	13 150	18 360	24 090	29 490	35 040 35 260	40 420
160 001 - 162 000	13 210	18 440	24 240	29 670	35 460	40 870
162 001 - 164 000	13 300	18 520	24 370	29 830	35 650	41 090
164 001 - 166 000	13 360	18 630	24 510	29 980	35 860	41 350
166 001 - 168 000	13 420	18 720	24 640	30 140	36 080	41 570
168 001 - 170 000	13 490	18 800	24 750	30 300	36 270	41 800
170 001 - 172 000	13 570	18 890	24 900	30 470	36 480	42 050
172 001 - 174 000	13 650	18 990	25 020	30 630	36 660	42 260
174 001 - 176 000	13 720	19 070	25 160	30 790	36 890	42 520
176 001 - 178 000	13 780	19 170	25 270	30 960	37 090	42 750
178 001 - 180 000 180 001 - 182 000	13 850	19 270	25 440	31 120	37 290 37 500	42 990
180 001 - 182 000 182 001 - 184 000	13 940 14 000	19 340 19 440	25 560 25 690	31 270 31 440	37 500 37 700	43 220 43 440
182 001 - 184 000 184 001 - 186 000	14 000	19 440 19 520	25 690 25 820	31 440	37 700 37 890	43 440
186 001 - 188 000	14 150	19 600	25 960	31 780	38 110	43 930
188 001 - 190 000	14 210	19 690	26 090	31 920	38 320	44 170
190 001 - 192 000	14 280	19 790	26 210	32 110	38 520	44 400
192 001 - 194 000	14 350	19 890	26 340	32 270	38 730	44 650
194 001 - 196 000	14 430	19 970	26 500	32 430	38 940	44 880
196 001 - 198 000	14 490	20 070	26 630	32 590	39 120	45 120
198 001 - 200 000	14 560	20 160	26 760	32 760	39 360	45 350
Disposable	14 560	20 160	26 760	32 760	39 360	45 350
income	plus	plus	plus	plus	plus	plus
greater than	3.5%	4.5%	6.5%	8.0%	10.0%	11.5%
\$200,000 (2)	of excess	of excess	of excess	of excess	of excess	of excess
	amount	amount	amount	amount	amount	amount
	amount	amount	amvunt	amount	ашуши	amount

⁽¹⁾ If the number of children is greater than 6, the basic parental contribution is determined by multiplying the difference between the amounts prescribed in the Table for 5 and 6 children by the number of additional children and by adding the product thus obtained to the amount prescribed for 6 children (s. 1, 2nd par. of

Amount of the basic deduction for the purpose of calculating disposable income (line 301 on the Child Support Determination Form) effective as of 1 January 2021: \$11,965

the Regulation respecting the Basic Parental Contribution Determination Table).

(2) For the part of income exceeding \$200,000, the percentage indicated is shown for information purposes only. The court may, if it deems it appropriate, fix for that part of the disposable income a manount different from the amount that would be obtained using that percentage (s. 10 of the Regulation respecting the determination of child support payments (chapter C-25.01, r. 0.4)).

Notice

An Act respecting collective agreement decrees (chapter D-2)

Automotive services industry

- -Montréal region
- —Amendment

Notice is hereby given, in accordance with section 5 of the Act respecting collective agreement decrees (chapter D-2), that the Minister of Labour, Employment and Social Solidarity has received an application from the contracting parties to amend the Decree respecting the automotive services industry in the Montréal region (chapter D-2, r. 10) and that, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), the Decree to amend the Decree respecting the automotive services industry in the Montréal region, appearing below, may be made by the Government on the expiry of 45 days following this publication.

The main purpose of the draft Decree is to harmonize the Decree with the Act to amend the Act respecting labour standards and other legislative provisions mainly to facilitate family-work balance (2018, chapter 21).

The impact study shows that the amendments have no impact on small and medium-sized businesses.

Further information may be obtained by contacting Jonathan Vaillancourt, Direction des politiques du travail, Ministère du Travail, de l'Emploi et de la Solidarité sociale, 200, chemin Sainte-Foy, 5° étage, Québec (Québec) G1R 5S1; telephone: 418 643-3840; fax: 418 643-9454; email: jonathan.vaillancourt@mtess.gouv.qc.ca.

Any person wishing to comment on the matter is requested to submit written comments within the 45-day period to the Minister of Labour, Employment and Social Solidarity, 425, rue Jacques-Parizeau, 4^e étage, Québec (Québec) G1R 4Z1.

JEAN BOULET, Minister of Labour, Employment and Social Solidarity

Decree to amend the Decree respecting the automotive services industry in the Montréal region

An Act respecting collective agreement decrees (chapter D-2, ss. 2, 4, 6 and 6.1)

- **1.** The Decree respecting the automotive services industry in the Montréal region (chapter D-2, r. 10) is amended in section 1.01 by inserting the following after paragraph 13:
- "(13.1) "relative": the employee's spouse, the child, father, mother, brother, sister and grandparents of the employee or the employee's spouse, as well as those persons' spouses, their children and their children's spouses. The following are also considered to be an employee's relative for the purposes of this Decree:
- (a) a person having acted, or acting, as a foster family for the employee or the employee's spouse;
- (b) a child for whom the employee or the employee's spouse has acted, or is acting, as a foster family;
- (c) a tutor or curator of the employee or the employee's spouse or a person under the tutorship or curatorship of the employee or the employee's spouse;
- (d) an incapable person having designated the employee or the employee's spouse as mandatary;
- (e) any other person in respect of whom the employee is entitled to benefits under an Act for the assistance and care the employee provides owing to the person's state of health;".
- **2.** Section 3.06 is amended
 - (1) by replacing "4 hours" in paragraph 1 by "2 hours";
 - (2) by adding the following at the end:
- "(4) if the employee was not informed at least 5 days in advance that the employee would be required to work, unless the nature of the duties requires the employee to remain available or that the employee's services are required within the limits set out in paragraphs 1 and 2.".
- **3.** Section 4.01 is amended by inserting the following paragraph after the first paragraph:

"Hours worked in addition to the standard workweek referred to in section 3.01 entail a premium of 50% of the hourly wage currently paid to the employee."

- **4.** Section 7.04 is amended by replacing "5 years" in the first paragraph by "3 years".
- **5.** Section 8.05 is amended by striking out "if the employee is credited with 60 days of uninterrupted service" at the end of the first paragraph.
- **6.** Section 8.06 is amended
 - (1) in the first paragraph
 - (a) by striking out ", without pay,";
- (b) by replacing "the employee's spouse, father, mother, brother, sister or one of the employee's grand-parents" by "a relative or a person for whom the employee acts as a caregiver, as attested by a professional working in the health and social services sector and governed by the Professional Code (chapter C-26)";
- (2) by inserting the following paragraph after the second paragraph:

"If it is warranted, by the duration of the absence for instance, the employer may request that the employee furnish a document attesting to the reasons for the absence.";

(3) by adding the following paragraph at the end:

"The first 2 days taken annually are remunerated according to the calculation formula described in section 62 of the Act respecting labour standards (chapter N-1.1), with any adjustments required in the case of division. The employee becomes entitled to such remuneration on being credited with 3 months of uninterrupted service, even if the employee was absent previously."

7. Section 8.07 is amended by replacing the first paragraph by the following:

"An employee may be absent from work for a period of not more than 26 weeks over a period of 12 months owing to sickness, an organ or tissue donation for transplant, an accident, domestic violence or sexual violence of which the employee has been a victim.

An employee may, however, be absent from work for a period of not more than 104 weeks if the employee suffers a serious bodily injury during or resulting directly from a criminal offence that renders the employee unable to hold the employee's regular position. In that case, the period of absence does not begin before the date on which the criminal offence was committed, or before the expiry of the period provided for in the first paragraph, where applicable, and does not end later than 104 weeks after the commission of the criminal offence."

- **8.** The following is inserted after section 8.07:
- "8.07.1. The second paragraph of section 8.07 applies if it may be inferred from the circumstances of the event that the employee's serious bodily injury is probably the result of a criminal offence.

However, an employee may not take advantage of such a period of absence if it may be inferred from the circumstances that the employee was probably a party to the criminal offence or probably contributed to the injury by a gross fault.

- **8.07.2.** The second paragraph of section 8.07 applies if the employee suffered the injury
- (1) while lawfully arresting or attempting to arrest an offender or suspected offender or assisting a peace officer making an arrest; or
- (2) while lawfully preventing or attempting to prevent the commission of an offence or suspected offence, or assisting a peace officer who is preventing or attempting to prevent the commission of an offence or suspected offence."
- **9.** Section 8.08 is amended
 - (1) by replacing "In the case" by "In the cases";
 - (2) by adding the following paragraphs at the end:

"If it is warranted, by the duration of the absence or its repetitive nature for instance, the employer may request that the employee furnish a document attesting to those reasons.

During a period of absence under the second paragraph of section 8.07, the employee may return to work intermittently or on a part-time basis if the employer consents to it.".

10. Section 8.09 is amended by adding the following paragraph at the end:

"The Government determines, by regulation, the other benefits an employee may take advantage of during the period of absence."

11. Section 8.10 is amended by replacing "of the sickness, accident or criminal offence or the repetitive nature of the absences constitute good and sufficient cause" in the second paragraph by "of an absence for a reason referred to in section 8.07 or the repetitive nature of the absences constitute, according to in the circumstances, good and sufficient cause."

12. Section 8.13 is amended by replacing the first paragraph by the following:

"An employee may be absent from work for a period of not more than 16 weeks over a period of 12 months where the employee must stay with a relative or a person for whom the employee acts as a caregiver, as attested by a professional working in the health and social services sector and governed by the Professional Code (chapter C-26), because of a serious illness or a serious accident. Where the relative or person is a minor child, the period of absence is not more than 36 weeks over a period of 12 months.

An employee may be absent from work for a period of not more than 27 weeks over a period of 12 months where the employee must stay with a relative, other than his minor child, or a person for whom the employee acts as a caregiver, as attested by a professional working in the health and social services sector and governed by the Professional Code (chapter C-26), because of a serious and potentially mortal illness, attested by a medical certificate.".

13. Section 8.15 is amended

- (1) by striking out paragraph 1;
- (2) by inserting "or by reason of the death of the employee's minor child" after "disappeared" in paragraph 2;
- (3) by replacing "or child" in paragraph 3 by ", father, mother or child of full age";
- (4) by inserting "of full age" after "child" in paragraph 4.
- **14.** The following is inserted after section 8.15:
- **"8.15.1.** Except with respect to the death of the employee's minor child, sections 8.14 and 8.15 apply if it may be inferred from the circumstances of the event that the serious bodily injury is probably the result of a criminal offence, the death is probably the result of such an offence or of a suicide, or the person who has disappeared is probably in danger.

However, an employee may not take advantage of the provisions if it may be inferred from the circumstances that the employee or, in the case of paragraph 4 of section 8.15, the deceased person was probably a party to the criminal offence or probably contributed to the injury by a gross fault.

Section 8.14 and paragraph 4 of section 8.15 apply if the injury or death occurs in one of the situations described in section 8.07.2.

A period of absence under sections 8.14 and 8.15 must not begin before the date on which the criminal offence that caused the serious bodily injury was committed or before the date of the death or disappearance and must not end later than 104 weeks after that date. However, during the period of absence, the employee may return to work intermittently or on a part-time basis if the employer consents to it.

- If, during the same 104-week period, a new event occurs, affecting the same child and giving entitlement to a new period of absence, the maximum period of absence for those two events may not exceed 104 weeks from the date of the first event.
- **8.15.2.** Sections 8.08 to 8.12 apply to the periods of absence provided for in sections 8.13, 8.14 and 8.15, with the necessary modifications.

The entitlement provided for in the fifth paragraph of section 8.06 applies in the same manner to absences authorized under section 8.07. However, the employer is not required to remunerate more than 2 days of absence in the same year, if the employee is absent from work for a reason referred to in those sections.".

15. Section 9.02 is amended by replacing the first paragraph by the following:

"Wages must be paid in cash in a sealed envelope, by cheque or by bank transfer by Thursday at the latest.".

- **16.** Section 9.13 is amended by replacing "to other" by "to his other" and "for the sole reason that the employee" by "uniquement en raison de son statut d'emploi, notamment parce qu'il".
- **17.** Section 14.01 is amended by replacing "23 May 2016" by "17 April 2023".
- **18.** This Decree comes into force on the day of its publication in the *Gazette officielle du Québec*.

104615

Draft Regulation

Supplemental Pension Plans Act (chapter R-15.1)

Exemption of certain pension plans from the application of provisions of the Supplemental Pension Plans Act

— Provisions related to the merger of certain multi-jurisdictional pension plans in the press sector with a jointly pension plan

-Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the Regulation to amend the Regulation respecting the exemption of certain pension plans from the application of provisions of the Supplemental Pension Plans Act, appearing below, may be made by the Government on the expiry of 45 days following this publication.

The purpose of the draft Regulation is to allow for the merger, as of 1 July 2019, of the defined benefit pension plans of Canadian Press Enterprises Inc. and Postmedia Network Inc. with the jointly pension plan of the Colleges of Applied Arts and Technology regarding the benefits of Québec members and beneficiaries governed by the Supplemental Pension Plans Act (chapter R-15.1). Since those plans are all registered with the Financial Services Regulatory Authority of Ontario, the draft Regulation provides for measures to reconcile the requirements of the Supplemental Pension Plans Act with those of the Ontario Pension Benefits Act.

The draft Regulation provides that the rules referred to in the first, second and third paragraphs of section 196 of the Supplemental Pension Plans Act do not apply for the purposes of the merger of the pension plans of Canadian Press Enterprises Inc. and Postmedia Network Inc., if all the members and beneficiaries of each plan concerned were informed by means of a notice and that more than two-thirds of the active members agreed to it and that less than one-third of the non-active members and beneficiaries as a group were opposed to it.

Exemptions are also provided for in respect of the jointly pension plan of the Colleges of Applied Arts and Technology in which the assets and liabilities of Québec members and beneficiaries are transferred. The plan is exempted from the obligation to pay the benefits of members in proportion to the degree of solvency provided for in the last paragraph of section 143 of the Supplemental Pension Plans Act, provided that the benefits of Québec members and beneficiaries are paid at 100% during the plan's existence. The plan is also exempted from the provisions of Chapter XIII of the Act related to the withdrawal

of an employer from a multi-employer pension plan. The benefits of members whose pension is not in payment will be paid at 100%. The pensions in payment will continue to be paid by the pension plan. In addition, upon termination of the plan, the employer is exempted from having to pay the debt provided for in the first paragraph of section 228 of the Act, except as regards the benefits that were transferred on 1 July 2019 to the jointly pension plan. Lastly, surplus assets upon plan termination must be allocated to Québec members and beneficiaries in proportion to their benefits.

The draft Regulation provides that it will take effect on the date of the merger of the plans concerned on 1 July 2019.

The proposed measures do not have additional costs for the enterprises concerned. They make it possible to reduce and stabilize the costs related to the funding of pension plans and sustain defined benefit plans for Québec members.

Further information on the draft Regulation may be obtained by contacting Michel Drolet, Retraite Québec, Place de la Cité, 2600, boulevard Laurier, 5° étage, Québec (Québec) G1V 4T3; telephone: 418 657-8714, extension 3392; fax: 418 643-7421; email: michel.drolet@retraitequebec.gouv.qc.ca.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to Michel Després, President and Chief Executive Officer, Retraite Québec, Place de la Cité, 2600, boulevard Laurier, 5° étage, Québec (Québec) GIV 4T3. Those comments will be forwarded by Retraite Québec to the Minister of Finance, responsible for the administration of the Supplemental Pension Plans Act.

ERIC GIRARD, Minister of Finance

Regulation to amend the Regulation respecting the exemption of certain pension plans from the application of provisions of the Supplemental Pension Plans Act

Supplemental Pension Plans Act (chapter R-15.1, s. 2, 2nd and 3rd pars.)

1. The Regulation respecting the exemption of certain pension plans from the application of provisions of the Supplemental Pension Plans Act (chapter R-15.1, r. 8) is amended by inserting the following after section 14.29:

"DIVISION III.5

PROVISIONS CONCERNING THE MERGER OF CERTAIN MULTI-JURISDICTIONAL PENSION PLANS IN THE PRESS SECTOR WITH A JOINTLY PENSION PLAN

- **14.30.** This Division applies in respect of the merger, on 1 July 2019, of the following pension plans:
- (1) the Pension Plan of Canadian Press Enterprises Inc., registered under number 0237537 with the Financial Services Regulatory Authority of Ontario;
- (2) the Canadian Press Enterprises Inc. Pension Plan for Employees Represented by the Canadian Media Guild, registered under number 1031848 with the Financial Services Regulatory Authority of Ontario;
- (3) the Postmedia Network Inc. Retirement Plan, registered under number 1077049 with the Financial Services Regulatory Authority of Ontario;
- (4) the Colleges of Applied Arts and Technology Pension Plan, registered under number 0589895 with the Financial Services Regulatory Authority of Ontario.
- **14.31.** A pension plan referred to in paragraphs 1 to 3 of section 14.30, is exempted from the first, second and third paragraphs of section 196 of the Act, if all the members and beneficiaries who are covered by the merger are informed by means of a written notice and at least two-thirds of the active members agreed to it and not more than one-third of the non-active members and beneficiaries as a group were opposed to it. A union can consent in the name of the members it represents.
- **14.32.** The pension plan referred to in paragraph 4 of section 14.30 is exempted from the following provisions of the Act on the conditions indicated below:
- (1) in the last paragraph of section 143 and in sections 145 to 146, if the value of the benefits of a member or a beneficiary is paid in full, up to 100%. The balance of the value of the benefits which, according to the transfer ratio applicable to a jointly pension plan cannot be paid, must be paid within 5 years after the date of the initial payment;
- (2) in the provisions of Chapter XIII of the Act that apply to the withdrawal of an employer from a multiemployer pension plan;
- (3) in the first paragraph of section 228 regarding the benefits accrued as of 1 July 2019 and the amendments made as of that date to enhance the benefits of members or beneficiaries under the plans referred to in paragraphs 1 to 3 of section 14.30 for which the transfer of assets and liabilites takes effect on 1 July 2019.

- (4) in the provisions of section 230.2, provided that the surplus assets upon plan termination are allocated to members and beneficiaries and distributed between them in proportion to the value of their benefits.
- **14.33.** For the purpose of paying the debt of the employer pursuant to subdivision 4 of Division II of Chapter XIII of the Act, the assets upon termination must be distributed, according to sections 220 to 227 of the Act that apply with the necessary modifications, between the value of the benefits referred to in paragraph 3 of section 14.32 and the value of the benefits that come from the pension plans referred to in paragraphs 1 to 3 of section 14.30. □.
- **2.** This Regulation comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*. Despite the foregoing, it has effect from 1 July 2019.

104619

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Abbreviations: A: Abrogated, N: New, M: Modified

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