Canadian Plumbing Code 1990

First Revisions and Errata

Issued by the
Associate Committee on the National Building Code
National Research Council of Canada
Ottawa

January 1991

The attached pages identify revisions and errata to the Canadian Plumbing Code 1990. The revisions have been approved by the Associate Committee on the National Building Code for immediate implementation.

In accordance with the ACNBC Policies and Procedures, the list of referenced documents in Table 1.9.A. of the 1990 CPC is updated annually. The revisions contained herein include updates to 30 June 1990. Where changes to the title have been made, the relevant requirements have also been updated.

The errata are corrections which have been identified and are included to facilitate the use of the Code. Revisions are identified by an ***r*** in the margin nearest the change; errata are identified by an ***e***.

1991 first revisions and errata

1.1.2.
1.9.1.
Table 1.9.A.
2.5.1.(2)
2.5.9.(1)
2.6.4.
3.3.7.
3.3.11.
5.1.1.
Table 5.8.C.

e **1.1.2.** The appropriate requirements in the Administrative Requirements for Use with the National Building Code 1985 shall apply to this Code.

e **1.3.3. Abbreviations of Proper Names**

ASPE ..... American Society of Plumbing Engineers
(3617 Thousand Oaks Blvd, Suite 210, West Lake Village, California 91362 U.S.A.)

1.9.2. Amendments, Revisions and Supplements. Unless otherwise specified herein, the documents referenced in this Code shall include all amendments, revisions and supplements effective to 30 June 1990. r

Table 1.9.A.

Forming Part of Article 1.9.3.

Documents Referenced in the Canadian Plumbing Code 1990

r	ANSI	B16.26-1988	Cast Copper Alloy Fittings for Flared Copper Tubes	2.7.7.(1)
e	ANSI/AWWA	C104/A21.4-1985	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water	2.6.4.(2)
r	ASTM	A53-90	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless	2.6.7.(4)
r	ASTM	B42-89	Seamless Copper Pipe, Standard Sizes	2.7.1.(1)
r	ASTM	B88-89	Seamless Copper Water Tube	2.7.4.(1)
r	ASTM	D2466-90	Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	2.5.6.(2)
e	ASTM	D3261-90	Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	2.5.5.(3)
e	CSA	CAN/CSA-B45.0-88	General Requirements for Plumbing Fixtures	2.2.2.(1)
e	CSA	CAN/CSA-B45.1-88	Vitreous China Plumbing Fixtures	2.2.2.(2)
e	CSA	CAN/CSA-B45.2-88	Enamelled Cast Iron Plumbing Fixtures	2.2.2.(3)
e	CSA	CAN/CSA-B45.3-88	Porcelain Enamelled Steel Plumbing Fixtures	2.2.2.(4)
e	CSA	CAN/CSA-B45.4-88	Stainless Steel Plumbing Fixtures	2.2.2.(5)
e	CSA	CAN/CSA-B45.5-88	Plastic Plumbing Fixtures	2.2.2.(6)
r	CSA	CAN/CSA-B64.0-M88	Definitions, General Requirements, and Test Methods for Vacuum Breakers and Backflow Preventers	2.9.9.(1)
r	CSA	CAN/CSA-B182.2-M90	PVC Sewer Pipe and Fittings (PSM Type)	2.5.9.(1)

e 2.5.1.(2)

(c) CSA B127.2-M, "Components for Use in Asbestos Cement Building Sewer Systems."

e 2.5.9.(1)

(d) CAN/CSA-B182.2, "PVC Sewer Pipe and Fittings (PSM Type)," SDR rating of no greater than 35.

e 2.6.4.

(2) Cement mortar lining for cast iron water pipes shall conform to ANSI/AWWA C104/A21.4, "Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water."

3.3.7. Dissimilar Materials. Adaptors, connectors or mechanical joints used to join dissimilar materials shall be designed to accommodate the required transition. **e**

3.3.11. Copper Tube. Types M and DWV copper tube shall not be bent. **e**

5.1.1. Venting for Traps

(1) Except as provided in Sentences (3) and (4), every *trap* shall be protected by

(a) an *individual vent*,
(b) a *dual vent*,
(c) a single *storey wet vent* extended as
  (i) a *continuous vent*,
  (ii) a *stack vent*, or
(d) a multi-*storey wet vent*. **e**

Table 5.8.C.
Forming Part of Sentences 5.8.3.(1) and 5.8.4.(1)

Sizing of Branch Vents, Headers, Continuous Vents, Vent Stacks and Stack Vents

Total Hydraulic Load Served by Vent *fixture units*	*Size* of *Vent Pipe*, in.								
	1¼	1½	2	2½	3	4	5	6	8
	Maximum Length of *Vent Pipe*, m								
2	9.0								
8	9.0	30.0	61.0						
20	7.5	15.0	46.0		Not Limited				
24	4.5	9.0	30.0						
42		9.0	30.0	91.0					
60		4.5	15.0	24.0	120.0				
100			11.0	30.0	79.0	305.0			
200			9.0	27.0	76.0	275.0			
500			6.0	21.0	55.0	215.0			
1 100				6.0	15.0	61.0	215.0		
1 900					6.0	21.0	61.0	215.0	
2 200						9.0	27.0	105.0	335.0
3 600						7.5	18.0	76.0	245.0 **e**
5 600							7.5	18.0	76.0
Column 1	2	3	4	5	6	7	8	9	10