

**BC BUILDING CODE INTERPRETATION COMMITTEE
AIBC, APEGBC, BOABC, POABC**

INTERPRETATION

Interpretation Date:	December 19, 2001	File No.: 98-0040
Building Code Edition:	BC Building Code 1998	
Subject:	Service Hot Water Tank Valves	
Keywords:	Tanks, Valves	
Building Code Reference(s):	7.6.1.3.(7) ; 7.6.1.7.(9)	Page 1 of 1

Question:



With respect to Sentences 7.6.1.3.(7) and 7.6.1.7.(9) of the BC Building Code:

1. Where should the shut-off valve or valves be located in each case?
2. Where should the vacuum relief valves be located in each case?

Interpretation:

The BCBC states:

- 7.6.1.3.(7) Every pipe that supplies a hot water tank shall be provided with a shut-off valve located close to the tank.
- 7.6.1.7.(9) A vacuum relief valve shall be installed when any tank may be subject to back-siphonage.

Typical #1 The shut-off valve and vacuum relief should be installed on the cold water supply to the first tank. A separate relief valve is required on each tank.

Typical #2 Each service water heater must have a separate shut-off and vacuum relief valve on each cold water inlet. A separate relief valve is required on each tank.

Additional Comments:

Tanks shown are side by side in the same room at the same elevation. While Sentence 7.6.1.3.(7) indicates a valve is necessary on the inlet of each tank, it is considered that due to the piping method, the valve on the inlet of the first tank serves both tanks.


 R.J. Light, Committee Chair

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