

BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, APEGBC, BOABC, POABC

File No: 06-0086

INTERPRETATION

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Interpretation Date:	Feb 15, 2011
Building Code Edition:	BC Building Code 2006
Subject:	Water Hammer Arrestors
Keywords:	Water Hammer
Building Code Reference(s):	7.6.1.9.(1) ; A-7.6.1.9.(1)

Question:

When a flexible plastic pipe is installed in a Water Distribution System where the manufacturer claims that the pipe will not be affected by water hammer, are water hammer arrestors required to protect the system from the effects of water hammer?

Interpretation:

Yes

Sentence 7.6.1.9.(1) states "Provisions shall be made to protect the Water Distribution System from the adverse effects of water hammer". This protection would be required at all solenoid valve controlled outlets, and any other faucet or control valve that by design causes the water supply to be closed quickly and therefore causing potential damage to the entire system.



R. J. Light, Committee Chair

The views expressed are the consensus of the joint committee with members representing AIBC, APEGBC, BOABC, and POABC, which form the BC Building Code Interpretation Committee. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local *Authority Having Jurisdiction*. The views of the joint committee should not be construed as legal advice.