

BC BUILDING CODE INTERPRETATION COMMITTEE

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

File No: 06-0097

INTERPRETATION

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Interpretation Date:	Sept 27, 2011
Building Code Edition:	BC Building Code 2006
Subject:	Air Gap for Trap Primers
Keywords:	Air Gaps , Trap Primers
Building Code Reference(s):	7.4.5.5.(1)(a)(b)(c) ; 7.6.2.1. (3) ; 7.6.2.9. (1) (2) ; A-7.4.5.5.(1) ; A-7.6.2.9.(2)

Question:

1. Is an air gap or a backflow preventer required on the discharge pipe from a trap primer to a fixture including a floor drain?
2. If an air gap fitting is provided with the trap primer by the manufacturer complete with "standoff and alignment legs" would this meet the requirements of an air gap?

Interpretation:

1. Yes

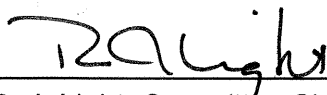
Sentence 7.6.2.1. (3) references CAN/CSA B64.10 – 01 that classifies the connection of a trap primer to a floor drain as a severe hazard cross connection. Clauses 7.4.5.5.(1)(a)(b)(c) indicate some of the acceptable methods of maintaining trap seals that includes a manufactured trap seal primer.

2. Yes - with restrictions

Sentence 7.6.2.9. (1) states the air gap shall not be located in a noxious environment and

Sentence 7.6.2.9. (2) requires a 25mm vertical opening and at least twice the diameter of the opening of the water supply outlet in height which must be clear except for the small and unrestricting dimensions of the alignment legs.

Further details regarding the intent can be found in A-7.4.5.5.(1) illustration (d) and A-7.6.2.9.(2) of Division B – Appendix A.



R. J. Light, Committee Chair

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