

Oregon
Interpretive Ruling No. 93-80
USE OF SILL COCK WITH INTEGRAL VACUUM BREAKER
AS ALTERNATE METHOD OF INSTALLATION

Initiated By: TERRY L. SWISHER
BUILDING CODES DIVISION
CHIEF PLUMBING INSPECTOR

RE: USE OF A SILL COCK WITH INTEGRAL VACUUM BREAKER AS AN ALTERNATE METHOD INSTEAD OF A FROST PROOF HOSE BIBB.

QUESTION CONSIDERED

In climates where freezing temperatures occur, can a sill cock with a screw-on vacuum breaker be used as an alternate method of installation instead of a frost proof hose bibb as addressed under Section 1003(n) of the 1992 Oregon Plumbing Specialty Code and the 1993 Oregon One and Two Family Dwelling Specialty Code?

APPLICABLE CODE SECTIONS

1992 Oregon State Plumbing Specialty Code (OSPSC) and 1993 One and Two Family Dwelling Specialty Code (Dwelling Code); chapter 10, section 1003(n), Potable Water Outlets with Hose Attachments.

BACKGROUND

Section 1003(n) states the following: "In climates where freezing temperatures occur, a listed self-draining frost proof hose bibb with an integral backflow preventer shall be used."

This code provision was adopted by IAPMO in 1991 and Oregon in 1992.

Plumbing installations exist in which it is not practical to install a frost proof type of hose bibb. Standpipes or wall installations which are not associated to a heated space within a structure would not benefit by the use of frost proof types of hose faucets. It also restricts in which locations a hose faucet may be installed.

Oregon has varied climatic conditions throughout the state. Although freezing temperatures occur occasionally in all regions of the state they vary a great deal in severity. Because of this several methods of installation are equivalent to this code provision without the use of a frost proof hose bibb.

FINDINGS

The following methods of installation are acceptable with the approval of the local administrative authority:

Installation of a sill cock type hose faucet with screw-on, vandal proof vacuum breaker. Sill cocks may be installed with or without stop and waste type drain valves installed as necessary to protect piping from freezing.

RULING

The preceding finding is an acceptable alternate method of installation meeting the intent of the plumbing code provisions under Section 1003(n).

(signed February 18, 1994)

Edward J. Gormley, Chairman
State Plumbing Board

Date

(signed April 4, 1994)

John Talbott, Chairman
Building Codes Structures Board

Date

The recommendations and findings of the State Plumbing Board and Building Codes Structures Board are accepted and are adopted as stated above.

(signed April 6, 1994)

Gary J. Wicks, Administrator
Building Codes Division

Date