



TOPIC: Air Admittance Valves—OPSC/9/#1

CODE: Oregon Plumbing Specialty Code: 2017 Edition

APPROVED: April 3, 2019 /Rebecca Esau/ , Director

REFERENCE: Oregon Plumbing Specialty Code--Chapter 9

SUBJECT: Air Admittance Valves in Existing Commercial and Industrial Buildings

QUESTION: Can an Air Admittance Valve(s) be installed as an alternate method of venting for new plumbing fixtures in a commercial or industrial building(s)?

RESPONSE: The Bureau of Development Services (BDS) has determined that when an alteration, remodel, addition, installation of plumbing fixture(s) occurs in an existing commercial or industrial building, an Air Admittance Valve(s) will be accepted for new plumbing fixtures in lieu of a vent(s) under the following conditions.

- A.** An Air Admittance Valve(s) may be installed when installation of a vent is precluded due to:
 - 1. Structural conditions such as beam(s), column(s), header(s), post tension slab(s); and/or
 - 2. Isolated location of the plumbing fixture(s) in relation to an existing vent pipe.
- B.** The air admittance valve shall be listed by a listing agency such as IAPMO, UL, ICC Evaluation Services Inc., CSA, ASSE, NSF.
- C.** Air admittance valves shall meet the national consensus standards for materials, NSF 14-2009, and national consensus performance standards ASSE No. 1050-2009 and 1051-2009.
- D.** The ASSE standards require testing for endurance, air tightness, pressure containment, and frost closure and are incorporated by reference.
- E.** Air admittance valves shall not be installed to serve sumps, chemical wastes, interceptors or in supply or return air plenums.