



## Code Amendment Proposal Application

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

Mailing address: P.O. Box 14470, Salem, OR 97309-0404

Phone: 503-378-4133, Fax: 503-378-2322

Oregon.gov/bcd

**Read the entire code amendment proposal application before completing this form. Please complete all parts before submitting your proposal and refer to the provided checklist.**

### APPLICANT INFORMATION

Name: Brad Senecaut		Date: 10-17-22
Representing (if applicable): City of Hillsboro		Work phone: 503-681-6212
Mailing address: 150 E Main St		Cell phone: 503-686-5684
City: Hillsboro	State: OR	Zip: 97123
Email address: brad.senecaut@hillsboro-oregon.gov		

### PROPOSAL INFORMATION

Specialty code: Oregon Plumbing Specialty Code
Code section(s): Table 1006.0
Briefly explain the subject of your proposal: Add a note for Table 1006.0 to Maintain 1/4" per foot slope (20.8 mm/m).

### INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page, signed and dated, with the required supplementary information for Parts I, II, III, and IV described on page 2 of this application. This application may be submitted by mail to the mailing address above, or by email to [BCD.PTSPtech@oregon.gov](mailto:BCD.PTSPtech@oregon.gov).

#### Summary checklist for the applicant:

- Part I** Code amendment language is attached in the proper format.
- Part II** Amendment proposal requirements for amending the code have been reviewed.
- Part III** Amendment proposal criteria questions have been answered and are attached.
- Part IV** If applicable, additional ORSC energy efficiency amendment proposal information is attached.

**Note:** One application is required for each code section you are proposing to amend. If this proposal requires changes in other sections of the code for alignment, include those changes as part of this application.

### APPLICANT SIGNATURE

Signature: *Brad Senecaut* Date: 10-17-22

**Copyright notice:** By signing this Code Amendment Proposal Application, I understand and acknowledge that the work contained in this application is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the Department of Consumer and Business Services Building Codes Division. I also understand that I do not retain or acquire any rights once this work is used in a Department of Consumer and Business Services Building Codes Division publication.

**Part I – Code Amendment Language**

1. Table 1006, Add a Note; <sup>3</sup> Maintain 1/4 inch per foot slope (20.8 mm/m).

**Part III - Code Amendment Proposal Criteria**

1) This proposal realigns floor drain, floor sink, and hub drain trap arm slope requirement with the other types of trap arm slopes. It will also provide enforcement consistency for the various jurisdictions. Currently some jurisdictions require the trap seal to be below the vent opening and some allow the trap arms to be at a 45 degree angle, due to a rescinded 2000 interpretation.

2)

- a. It will align the trap elevation with sections 905.5 and 1002.4. It is not the intent of the code to contradict itself. No other traps for sinks, tubs, showers, and clothes washers for instance, can have the weir of the trap elevated above its vent opening. (905.5, 1002.4) In the absence of this note, it has been interpreted that as a horizontal trap arm, the slope can be just shy of a 45° angle, which could put a 2" trap weir nearly 6 feet above its vent opening. Since this table applies to floor drains, floor sinks, funnel drains and similar fixtures that can be used as an indirect waste receptor, per Tables 702.1(1) and 702.2, a 2" trap can receive up to 30 gpm of intermittent flow which makes it a candidate for siphonage. When a trap is elevated above its vent, it is susceptible to back siphonage, (2021 UPC ITM). Having the trap above the vent is only allowed in section 910 for combination waste and vent, which uses enlarged traps and trap arms, and this table should not be compared to that type of system
- b. This will coincide with Table 1002.2 Notes, which is a similar table.
- c. I feel clarity is needed to align T1006.1 with other similar drainage systems in the code like horizontal wet venting (Statewide Code Inter. No. 19-02) and circuit venting (911.1).
- d. At 1/4 " per foot slope, the 2", 3", and 4" trap arms will still have a min. 1/2 " air space in the pipe at the crown weir to maintain the water seal against the +/-1" water column fluctuations that can occur in a drainage system, as required in 1005.1

(Also),

Table 1006.0 should be changed to Table 1006.1 in order to match the references in 1006.2.

Note 2 cleanout reference should be changed to Section 707.0 to match the current cleanout section.

**Implementation and fiscal impact** No additional permits are needed and there is no fiscal impact.

**Impacted stakeholders and other specialty codes** None