



Commercial Reach Code Proposal Application

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

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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: G.F. Scheuermann

Date: 10 December 2024

Representing (if applicable): IAPMO

Phone: (971) 300-7649

Mailing address: 12691 SE Staley Av.

City: Boring

State: OR

Zip: 97089

Email address: jed.scheuermann@iapmo.org

PROPOSAL INFORMATION

Code section(s): 2020 WEstand - Water Efficiency & Sanitation Standard for the Built Environment

Briefly explain the subject of your proposal: Update from currently adopted 2017 edition to the 2020 version. Keeps Commercial Reach Code in synch with Residential Reach Code which utilizes the 2020 edition.

INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page with the required supplementary information for Parts I and II. This application may be submitted by mail to the mailing address above or by email to bcd.ptsptech@dcbs.oregon.gov.



Part I

Code language

You must provide exact language for your code proposal. Include all code sections that require changes and use the following format to show additions and deletions from the code:

Underline for added text

~~Strikethrough~~ for deleted text



Part II

Commercial Reach Code proposal criteria

Provide responses to the criteria questions on page 2 of this application.

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:

10 December 2024

Date:

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.

COMMERCIAL REACH CODE PROPOSAL CRITERIA

1. Describe the concept and purpose of this proposal.
2. Does this proposal increase efficiency over the Oregon Energy Efficiency Specialty Code energy provisions? If so, explain how and provided any supporting documentation.

Helpful information to include

- a) How many incremental MBtus will be saved annually?
- b) What is the associated annual energy cost savings?

3. What is the fiscal impact of this proposal?

Helpful information to include

- a) What is the fiscal impact to the end consumer?
- b) What is the fiscal impact to the builder/contractor?
- c) What is the simple payback of the fiscal impact when considering the annual energy savings?
- d) What is the life-cycle cost, if available?

4. It is important that proposals be shared with stakeholders that will be impacted by them. Was this proposal developed with people or organizations likely to be affected by it? Has it been reviewed or shared with people or organizations likely to be affected by it? If so, who, and if not, why not?

APPLICATION REVIEW

If you submit completed proposed code amendments to the division before the end of the timetable established in the proposal notice the division will forward them to the appropriate advisory board for review. The division will not forward proposed code amendments that are not completed before the end of the timetable.

Oregon Commercial Reach Code – Proposal

1. Presently, Oregon's Commercial Reach Code includes the 2017 WEstand, this proposal would update to the 2020 edition. Further, this proposal keeps the Commercial Reach Code in synch with our Residential Reach Code, which also adopts the 2020 WEstand in its current version.
2. Water savings utilizing the Water Demand Calculator can be significant. This may reduce the size of the water meter, water service as well as domestic water distribution system, resulting in substantial savings for construction and consumer. It will also positively impact water quality, reducing water age in piping systems, which in turn reduces or minimizes potential for certain water borne illnesses, such as legionella.
3. Construction and system development charges may be actually substantially reduced due to smaller water meters and piping, making a beneficial fiscal cost reduction to parties affected by this proposal.
4. Stakeholders who will be impacted have been contacted, the purpose and effects of this proposal have been shared, meeting with full support of the following entities:
 - a. Plumbing, Heating & Cooling Contractors (PHCC) of Oregon
 - b. UA Local 290 Plumbers & Steamfitters
 - c. ReCode Oregon
 - d. Mechanical Contractors Association of Oregon
 - e. Earth Advantage
 - f. Zero Coalition