

Water Heater Seismic Strapping

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Code reference: 2023 Oregon Plumbing Specialty Code (OPSC)—Section 507.2

Date(s): Issued—Sept. 17, 2015
Last updated—Oct. 1, 2023

Subject: Water heater seismic strapping

Questions:

Section 507.2 of the Oregon Plumbing Specialty Code (OPSC) requires water heaters to be anchored or strapped. However, this section does not provide minimum standards for anchoring or strapping methods or materials.

Answers:

Plumber's tape or equivalent anchoring or strapping materials are acceptable. Connectors must have washers to assure the connector does not pull through the strapping. The following connectors are acceptable; #12 wood screw with 1½ inch penetration at each end, or ¼ inch-diameter concrete anchor of 1½ inch minimum length.

Analysis:

The division has determined that the minimum standards for seismic anchoring or strapping methods and materials contained in the rescinded interpretation are still applicable.

Contact:

Visit the division website to [contact a building code specialist](#).