



## Community Development Department Building & Safety Division

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Policy No.: BDP 32  
Original Effective Date: April 18, 2008  
Revised Date: January 1, 2020  
Initiated By: Lucas Chapman, Contract Senior Building Inspector  
Approved By: Gregory A. Shreeve, Sr., Chief Building Official  
**Subject:** **Water Heaters**

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### **Code References**

Chapter 5 of the 2019 California Plumbing Code (CPC), Article 250 of the 2019 California Electrical Code (CEC) and Dublin Municipal Code (DMC)

### **Seismic Provisions (CPC Section 507.2)**

Water heaters shall be anchored or strapped to resist horizontal displacement due to earthquake motion. Strapping shall be at points within the upper one third (1/3) and lower one-third (1/3) of its vertical dimensions. At the lower point, a minimum distance of four (4) inches shall be maintained above the controls with strapping.

For water heaters with a capacity of greater than 75 gallons, an additional (third) set of bracing straps shall be required at mid-height of the water heater.

### **Grounding and Bonding (CEC Art. 250)**

All piping systems (water and gas) shall be bonded together with a #8 AWG copper, #6 AWG aluminum or #6 copper clad aluminum wire. The point of attachment for the bonding jumper shall be accessible and located within sight of the water heater.

### **Manufacturers' Installation**

All water heaters shall be installed per minimum code and per their manufacturers' installation instructions. All manufacturers' installation instructions shall be on site.