

|-&gt;

Title 22@ Social Security

|-&gt;

Division 4@ Environmental Health

|-&gt;

Chapter 16@ California Waterworks Standards

|-&gt;

Article 4@ Materials and Installation of Water Mains and Appurtenances

|-&gt;

Section 64570@ Materials and Installation

## 64570 Materials and Installation

### (a)

All newly installed water mains shall comply with the materials and installation standards of the American Water Works Association pursuant to tables 64570-A and 64570-B. The standards are hereby incorporated by reference.

Table	Type of Material	Diameter of Main	Applicable Standard
64570-A	PVC	4 in. through 12 in.	C900-97
	PVC	14 in. through 48 in.	C905-97
	Polyethylene (HDPE)	4 in. through 63 in.	C906-99
	Fiberglass	All sizes	C950-01
	Ductile Iron	All sizes	C150/A21.50-02
	Ductile Iron, Centrifugally cast	All sizes	C151/A21.51-02
	Steel	6 inches and larger	C200-97
	Copper	All sizes	C800-05
	Concrete Reinforced steel-cylinder	All sizes	C300-04
	Prestressed steel-cylinder	All sizes	C301-99, C304-99
	Reinforced noncylinder	All sizes	C302-04
	Bar wrapped/steel cylinder	All sizes	C303-02
	PVC, Molecularly oriented polyvinyl chloride	All sizes	C909-02

Table 64570-B Installation Standards for Water Mains

Type of Installation	Applicable Standard
Steel Pipe-Design and Installation	M-11 (2004)
Ductile-Iron Water Mains and Their Appurtenances	C600-05
Underground Installation of PVC Pressure Pipe and Fittings	C605-05
Concrete Pressure Pipe	M9(1995)

### (b)

Water mains shall: (1) Be installed below the frost line or be otherwise protected to prevent freezing; and (2) Be protected against crushing under loads that could

pass above the installation.

**(1)**

Be installed below the frost line or be otherwise protected to prevent freezing; and

**(2)**

Be protected against crushing under loads that could pass above the installation.