



Insulating Hot Water Lines

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Building Inspections Department

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Residential

Requirement of insulating hot water lines

Residential new Construction:

1. All hot water distribution piping is required to be insulated to R3 from water heater to where distribution pipe enters finished room to each individual fixture.
 - a. Insulation is not required to pass through floor joist, studs, or wall plates. Butting the insulation to these materials is sufficient.

Residential Remodeling:

1. All new hot water distribution piping is required to be insulated to R3 from where it is connected to the existing hot water system to where the new distribution piping enters finished room to each individual fixture.
2. All piping located outside of the conditioned space is required to be insulated to R3 including under concrete slab.
 - a. Insulation is not required to pass through floor joist, studs, or wall plates. Butting the insulation to these materials is sufficient.

Circulating Hot Water Systems:

1. All piping in circulating loop is required to be insulated to R3.