

# **Building and Safety Division Inspection Standards Hydronic Piping**

## **At Piping Inspection:**

\*\*\*depending on manufacturer, this step is performed either after frame inspection or after sheetrock inspection.

- 1) Check plans for proper location of manifolds, type and size of piping, and location of insulation materials and verify installation meets plan specifications.
- 2) Locate test gauge for pressure test. Test shall be 100 pounds minimum and test pressure must be maintained for a minimum of 30 minutes to allow for the pipe to stretch.
- 3) After 30 minute period is over, visually inspect pipe for leaks and irregularities. Make sure there are no abrasive materials touching the pipe that could wear through the pipe such as sharp metal, rebar stakes, etc.
- 4) Verify framing around manifolds is correctly completed.
- 5) This inspection is considered not ready if there is no gauge provided *OR* no water pressure is in the system.

## **At Final Inspection**

- 1) Check water heating units for proper venting, installation of TPR valve with drain, and seismic straps.
- 2) Make sure all exposed piping is protected from physical damage.
- 3) Ensure working pressure is in the pipe and there are no leaks in exposed pipe.
- 4) This inspection is considered not ready when any major component is not installed or is substantially incomplete.

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