

Lead and Copper Use – International Plumbing Code, Quick Reference Guide

The City of Kennett has not adopted a dedicated Lead Ban Ordinance to date. However, it does have an ordinance adopting certain international codes for building and construction that does govern the use of lead in our distribution system to include household plumbing. City of Kennett **Ordinance 2882**, references the 2012 International Plumbing Code which includes the 2012 IPSPDC, and was adopted on December 6, 2011.

The 2012 international plumbing code, under the “water supply and distribution” section addresses the use of lead in our distribution system.

****Note: This is not the complete requirements for section 605. Just those areas as they pertain to Lead and Copper fittings and pipe.**

(Section 605 – Materials, joints and connections):

605.2 Lead content of water supply pipe and fittings. Pipe and pipe fittings, including valves and faucets, utilized in the water supply system shall have a maximum of 8-percent lead content.

605.14 Copper Pipe.

Joints between copper and copper-alloys pipe and fittings shall comply with Sections 605.14.1 through 605.14.5.

605.14.3 Soldered joints. Solder joints shall be made in accordance with the methods of ASTM B 828. Cut tube ends shall be reamed to the full inside diameter of the tube end. Joint surfaces shall be cleaned. A flux conforming to ASTM B 813 shall be applied. The joint shall be soldered with a solder conforming to ASTM B 32. The joining of water supply piping shall be made with lead-free solder and fluxes. “Lead free” shall mean a chemical composition equal to or less than 0.2-percent lead.

605.15.4 Soldered joints. Solder joints shall be made in accordance with the methods of ASTM B 828. All cut tube ends shall be reamed to the full inside diameter of the tube end. All joint surfaces shall be cleaned. A flux conforming to ASTM B 813 shall be applied. The joint shall be soldered with a solder conforming to ASTM B 32. The joining of water supply piping shall be made with lead-free solders and fluxes. “Lead free” shall mean a chemical composition equal to or less than 0.2-percent lead.