

**MANDATORY  
SUPPLEMENTAL SPECIFICATION  
FOR  
2-INCH AND SMALLER WATER SERVICES**

**EFFECTIVE DATE: MARCH 31, 2007**

**520.02 – Materials** – is amended as follows:

**DD. Corporation Stops, Meter Valves, and Service Couplings for 2-inch and Smaller Water Services** – delete the leading paragraph and items 1, 2 and 3. Replace with:

Shall conform to requirements of AWWA C800-05 with the exception that any brass part of a fitting or coupling or valve in contact with potable water shall be made of a copper alloy CDA No. C89520 or a “no-lead brass” complying with ASTM B30 and B584. This “no-lead brass” alloy shall contain not more than one-fourth of one-percent (0.25% or less) total lead content by weight.

An ANSI accredited test lab per ANSI/NSF 61, Drinking Water Components-Health Effects Section 8, shall be used to certify the lead content for all “no-lead brass” fittings and valves. Proof of certification is required.

All brass fittings and couplings and valves shall have the manufacturers name or trademark integrally stamped or cast onto the fitting. Another marking identifying the item as a “no-lead brass” alloy shall be cast or stamped as well.

1. Corporation stops shall be Mueller type H-15000, McDonald 4701, Cambridge 302- or approved equal.
2. Meter valves shall be of the lock wing type such as Mueller H-14255, McDonald 4602, Cambridge 202, or approved equal.
3. Service couplings or unions shall be Mueller type H-15400, McDonald type 4758, Cambridge 118- or approved equal.
4. For 1-1/2 inch services, use double strap tapping saddles (such as Ford 202, McDonald 3825, Mueller H105 or Cambridge 810 or approved equal) with 1-1/2 inch corporation stop (as per item 1 above), 1-1/2 inch Type K copper service line and a flanged meter valve (McDonald 4602-B, Mueller B-24276 or Cambridge 210-H6MF6 or approved equal) with flanged tailpiece for meter connection.
5. For 2 inch services, use double strap tapping saddles (such as Ford 202, McDonald 3825, Mueller H105 or Cambridge 810 or approved equal) with 2 inch corporation stop (as per item 1 above), 2 inch Type K copper service line and a flanged meter valve (McDonald 4602-B, Mueller B-24276 or Cambridge 210-H7MF7 or approved equal) with flanged tailpiece for meter connection.