

**SPECIFICATIONS FOR COLD WATER METERS- COMPOUND TYPE**

**REVISED DECEMBER 2011**

1. **SCOPE**

This specification covers compound type cold-water meters in sizes 3 inches through 12 inches inclusive designed for waterworks service.

2. **GENERAL REQUIREMENTS**

- a) Except as otherwise modified or supplemented herein AWWA Standard C702-47, "AWWA Standard for Cold-Water Meters - "Compound Type" or the latest revision thereof shall govern the materials, design, manufacture, and testing of all meters furnished under this specification.
- b) The San Antonio Water System reserves the right to limit purchase of compound meters to those manufactured by:
  - Rockwell Manufacturing Company
  - Neptune Meter Company (Schlumberger Industries)
  - Hersey Products, Inc.
  - Badger Meter, Inc.
- c) The outer case shall be of a bronze composition.
- d) Meters shall indicate in cubic feet and have "round-reading" registers.
- e) Serial number shall be clearly stamped on the case as well as on the lid.
- f) Pinion and gear spindles shall be of monel metal, stainless steel, or bronze.
- g) The measuring chambers of displacement elements shall be of bronze, compatible with that specified in section "c" above.
- h) The impeller shaft shall be of monel metal, bronze, or stainless steel.
- i) Strainers of stainless steel, monel metal, or nickel alloy shall be provided in the displacement element of the meter.
- j) The check valve shaft shall be of monel metal, stainless steel, or bronze.
- k) Meters shall be furnished less flanges.

**Previous Specification Date:**

MAY 1993

DECEMBER 2011