

**SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS**

SPECIFICATIONS FOR COLD WATER METERS - COMPOUND TYPE

REVISED MAY 1993

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.