

WATER METER SPECIFICATIONS

(½"Ø)

1. Designed for the measurement of **cold potable water**
2. Diameter : **DN -13mm**
3. Class : **"B"**
4. Type : **Current- Single-jet**
5. Body : **Brass (Copper and Zinc Alloy) at least 75% copper**
6. Conforms to the following Standard: **ISO 4064-1**
7. Permissible Error:
 - a. **Minimum Flow Rate:±5%**
 - b. **Transitional Flow Rate: ±2%**
 - c. **Maximum Flow Rate: ±2%**
8. Maximum Working Pressure : **10bars or 1.0Mpa**
9. Maximum Working/Liquid Temperature : **30°C or Higher**
10. Water Meter Length : **165mm**
11. Length Per tailpiece : **75mm**
12. Complete with **Tailpieces, Gaskets and plastic strainer**
13. Flow Register : **ISO 4064-1 in Cubic Meters**
Minimum of 4 Digits, Straight reading
14. Meter body should be properly **sealed**
15. Provided with **magnetic ring/shield**
16. Meter Numbers should be in series, clearly and permanently engraved

- Other Requirements:**
- a. Five (5) unit samples complete with tailpieces and gaskets with the testing result from Manila Water to be submitted by the lowest bidder during post-qualification.
 - b. One (1) unit cut away sample to be submitted by the lowest bidder during post-qualification. (for new bidder only)
 - c. All water meters shall be painted with acrylic Tahiti blue (or closer shade acceptable to the end user) automotive paint with properly primed surface of compatible paint primer.)
 - d. Testing result of the Copper content of the meter body from a DOST – accredited laboratory to be submitted on or before opening of bids.
 - e. Meter brass body should contain at least 75% copper with test results from DOST- accredited laboratory (sample for testing to be randomly picked after delivery of the items, expenses incurred to be borne by the supplier.