

WATER METER SPECIFICATIONS

WATER METER SPECIFICATIONS for Single-jet water meter, size-1/2"Ø (DN -13mm)

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 & Zinc Alloy) at least 75% copper
6. Flow Register : ISO 4064-1 in Cubic Meters
Minimum of 4 Digits, Straight Reading
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. Meter and corresponding Tailpiece length ranges:

Water Meter Length	Length per Tail Piece
115mm	100mm
165mm	75mm
190mm	63mm

11. Complete with Tailpieces, Gaskets and plastic strainers
12. Meter body should be properly sealed
13. Provided with magnetic ring/shield
14. Meter Numbers should be in series, clearly and permanently engraved

Other Requirements :

- a. Five (5) unit samples complete with tail pieces and gaskets with the testing result from Manila Water to be submitted by the lowest bidder during post-qualification which shall form part of the delivery. (for new bidders/models only)
- b. One (1) unit cut away sample to be submitted by the lowest bidder during post-qualification. (for new bidders/models 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 Copper content of the meter body from a DOST-accredited laboratory to be submitted on or before opening of bids. (for new bidders/models only)
- e. Meter brass body should contain at least 75% copper with test result from DOST- accredited laboratory (sample for testing to be randomly picked after delivery of the items, expenses incurred to be borne by the supplier. (for new bidders/models only)

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