

TECHNICAL SPECIFICATIONS FOR ONE INCH WATER METERS

SPECIFICATIONS	
Designed for the measurement of cold potable water	
1. Standard	ISO 4064:1993 or latest
2. Nominal Diameter	25mm
3. Meter Length	225 - 260mm
4. Meter Type	Multi-jet, Magnetic Drive, Dry Type
5. Metrological Class	B
6. Meter Body	Corrosion proof copper alloy
7. Register	Hermetically sealed or Hermetically vacuum sealed
	High impact lens and abrasion resistant
	With magnetic ring/shield
	Meter Register in Cubic Meters
	Cubic Meters in registration – minimum of 5 digits
	Straight Reading
8. Working Condition	Maximum Working Pressure: 10 bars or higher
	Maximum Working/Liquid Temperature: 50°C or Higher
9. Metrological Characteristics	Maximum flowrate (Qmax.) = 7m ³ /hr or higher ; Allowance error in accuracy ± 2%
	Nominal flowrate (Qn) = 3.5 m ³ /hr or higher ; Allowance error in accuracy ± 2%
	Transitional flowrate (Qt) = 280 l/hr. or lower ; Allowance error in accuracy ± 2%
	Minimum flowrate(Qmin) = 70 l/hr. or lower; Allowance error in accuracy ± 5%
10. Meter Seal	Meter body should be properly sealed
11. Strainer	With plastic strainer installed
12. Serial Numbering	Meter numbers should be in series, clearly and permanently engraved
13. Painting	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.
14. Meter Body Markings	Meter Size
	Flow Direction (arrow)
15. Packaging	All water meters shall have plastic end cap installed on both meter body thread ends
	Each water meter shall be packed individually in a small box and must contain 2 tailpieces and rubber gaskets
	The water meters shall be packed by 10's or 20's per batch and shall indicate the meter serial numbers on the box.
16. Other requirements	Five (5) unit samples complete with tail pieces and gaskets with the testing result from Manila Water or Davao City Water District or any ISO accredited water meter calibration laboratory to be submitted by the lowest bidder during post-qualification which shall form part of the delivery. <i>(Applicable for brand and model of water meters that have not undergone testing from Manila Water and its results have not been submitted to this Office.)</i>
	One (1) unit cut away sample to be submitted by the lowest bidder during post-qualification. <i>(Applicable for brand and model of water meters that have not been submitted to this Office.)</i>

Prepared by:



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Reviewed by:



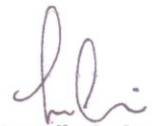
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