

TECHNICAL SPECIFICATIONS FOR ONE HALF INCH SINGLE-JET WATER METERS (DN -13mm)

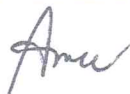
SPECIFICATIONS									
Designed for the measurement of cold potable water									
1. Standard	ISO 4064								
2. Nominal Diameter	DN – 13mm								
3. Meter Type	Single Jet								
4. Metrological Class	B								
5. Meter Body	Brass (Copper and Zinc Alloy) <ul style="list-style-type: none"> - at least 75% Copper - Testing result of Copper content of the meter body from any DOST- accredited laboratory shall be submitted on or before opening of bids. 								
6. Register	With magnetic ring/shield								
	Meter Register in Cubic Meters								
	Cubic Meters in registration – minimum of 4 digit								
	Straight Reading								
7. Working Condition	Maximum Working Pressure: 10 bars or 1.0Mpa								
	Maximum Working/Liquid Temperature: 30°C or Higher								
8. Metrological Characteristics (Permissible Error)	a. Minimum Flow Rate: ±5%								
	b. Transitional Flow Rate: ±2%								
	c. Maximum Flow Rate: ±2%								
9. Meter and corresponding Tailpiece length ranges	<table border="1"> <thead> <tr> <th>Water Meter Length</th> <th>Length per Tail Piece</th> </tr> </thead> <tbody> <tr> <td align="center">115mm</td> <td align="center">100mm</td> </tr> <tr> <td align="center">165mm</td> <td align="center">75mm</td> </tr> <tr> <td align="center">190mm</td> <td align="center">63mm</td> </tr> </tbody> </table>	Water Meter Length	Length per Tail Piece	115mm	100mm	165mm	75mm	190mm	63mm
	Water Meter Length	Length per Tail Piece							
	115mm	100mm							
	165mm	75mm							
190mm	63mm								
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 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>								

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