

## TECHNICAL SPECIFICATIONS FOR TWO INCH WATER METERS

SPECIFICATIONS	
1. Standard	ISO 4064:1993 or latest
2. Nominal Size	50mm
3. Meter Length	200mm
4. Meter Type	Current / Velocity (Woltman)
5. Metrological Class	"B" or its equivalent to latest edition
6. Meter Body	Cast Iron, polyester coated or epoxy powder coated
7. Register	Hermetically vacuum sealed or Hermetically sealed
	High impact lens and abrasion resistant
	Meter Register in Cubic Meters
	Cubic Meters in registration – minimum of 6 digits
	Straight Reading
8. Working Condition	Maximum Working Pressure: 16 bars or higher
	Maximum Working/Liquid Temperature: 50°C or higher
9. Metrological Characteristics	Maximum flowrate (Q <sub>max.</sub> ) = 30 m <sup>3</sup> /hr. or higher; Allowance error in accuracy ± 2%
	Nominal flowrate (Q <sub>n</sub> ) = 15 m <sup>3</sup> /hr. or higher; Allowance error in accuracy ± 2%
	Transitional flowrate (Q <sub>t</sub> ) = 3 m <sup>3</sup> /hr or lower; Allowance error in accuracy ± 2%
	Minimum flowrate(Q <sub>min</sub> ) = 450 li/hr or lower.; Allowance error in accuracy ± 5%
10. Connection	Flanges according to ISO standard
	Number of bolt holes: 4 holes / flange
11. Meter Seal	Meter body should be properly sealed
12. Serial Numbering	Meter numbers should be in series, clearly and permanently engraved
13. Painting	Automotive finished (Tahiti blue or closer shade acceptable to the end user)
14. Meter Body Markings	Meter Size
	Flow Direction (arrow)
15. Meter Accessories	Accompanying flanges made of high tensile steel, gasket and with 8 pieces steel bolts and nuts for both meter ends
16. Packaging	All water meters shall include the following:
	a. Inclusion of efficiency test result per meter at the back of the lid cover.
	b. Certificate of calibration of every water meter

Prepared by:



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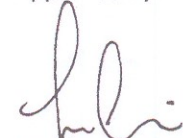
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