Indian Standard

WATER METERS (DOMESTIC TYPE) — SPECIFICATION

(*Sixth Revision)*

1 SCOPE

This standard covers terminology, construction, technical characteristics, metrological characteristics and other requirements of water meters with threaded end connections of size up to and including 50 mm, having nominal flow rates in the range of 1.5 to 15kl/h,suitable for measuring the flow of cold potable water at a nominal pressure of 1 MPa[1]) *(Max)* and ambient temperature.

This standard is applicable both for semipositive (piston type) and inferential (turbine type) including magnetic type water meters having dry or wet dial.

[1])1MPa = 1 N/mm^2 = 9.8 kgf/cm^2

2 REFERENCES

Indian Standards listed in Annex A are the necessary adjuncts to this standard

ANNEX A

(Clause 2)

UST OF REFERRED INDIAN STANDARDS

IS No.	*Title*
292 : 1983	Leaded brass ingots and castings (*second revision*)
318 : 1981	Leaded tin bronze ingots and castings (*second revision*)
319 : 1989	Free cutting brass bars, rods and sections (*fourth revision*)
320 : 1980	High tensile brass rods and sections (other than forgings stock) (*second revision*)
410 : 1977	Cold rol1ed brass sheet, strip and foil (*third revision*)
531 : 1981	Leaded brass strip for instrument parts (*second revision*)
1264 : 1989	Brass gravity die castings (ingots and castings) (*third revision*)
2267 : 1972	Polystyrene moulding materials (*first revision*)
2643	Dimensions for pipe threads for fastening purposes:
(Part 1) : 1975	Basic profiles and dimensions (*first revision*)

IS No.	*Title*
(Part 2) : 1975	Tolerances (*first revision*)
(Part 3) : 1975	Limits of sizes (*first revision*)
4131 : 1967	Nickel copper alloy castings
4905 : 1968	Methods for random sampling
6603 : 1972	Stainless steel bars and flats
6784 : 1984	Methods for performance testing of water meters (domestic type) (*first revision*)
6911 : 1992	Stainless steel plate, sheet and strip (*first revision*)
7328 : 1992	High density polyethylene materials for moulding and extrusion (*first revision*)