

Report on Outcome of Inspection and Verification of Water Meter

1. Name of Inspecting and Verifying Agency under Section 31 of the Measurement Act, B.E. 2542 (1999):

Form of Notifying Intention to Carry out Inspection and to Provide Verification of Water Meter No.. in the Number of ... Meters

Meter Serial Number to

Inspection and Verification between Date to

Name or Trademark Model

Materials Used for Manufacturing Water Meter : Comprising

Tank of Water Meter Being Made of

Materials Being Used as Internal Component of Water Meter Being Made of

Service Recipient of Inspection and Verification :

Address..... Telephone

Being ☐ Manufacturer ☐ Importer ☐ Repairer ☐ Possessor ☐ Other (please specify)

of Water Meter above

2. Indicating Device ☐ Analog ☐ Digital ☐ Analog and Digital

Displaying the Value of Volume m³

Indicating Device Being Able to Display Value..... m³ (Article 13 (6) (h) of the Notification of the Ministry of Commerce Regarding Prescription of Type and Characteristic of Water Meter, Detail of Materials Used for Manufacture, and Maximum Permissible Error Dated 26 September B.E. 2561 (2018))

Principal Scale Marks as Inspected and Verified to Display Value m³ (Article 13 (6) (g) 1) of the Notification of the Ministry of Commerce Regarding Prescription of Type and Characteristic of Water Meter, Detail of Materials Used for Manufacture, and Maximum Permissible Error Dated 26 September B.E. 2561 (2018))

Principal Scale Marks as Inspected and Verified to Calculate..... m³

Accuracy Class	Principal Scale Marks as Inspected and Verified (Cubic Meter (m ³))	
	Display of Value of Scale Marks Continuously	Display of Value of Scale Marks Discontinuously
Class 1	$\leq Q_1 (\text{m}^3/\text{h}) \times 1.5 (\text{h}) \times 0.0025$	$\leq Q_1 (\text{m}^3/\text{h}) \times 1.5 (\text{h}) \times 0.00125$
Class 2	$\leq Q_1 (\text{m}^3/\text{h}) \times 1.5 (\text{h}) \times 0.0050$	$\leq Q_1 (\text{m}^3/\text{h}) \times 1.5 (\text{h}) \times 0.00250$

3. Accuracy Class of Measurement ☐ Class 1 ☐ Class 2

Minimum Flowrate m³/hour Permanent Flowrate m³/hour

Transitional Flowrate m³/hour Overload Flowrate m³/hour

Year of Manufacture

Maximum Admissible Pressure kPa. (In the case where the water meter has the value of pressure exceeding 1,000 kPa.)

Water Meter with Diameter Millimeters

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4. The water meter shall be designed and manufactured upon the base between the value of permanent flowrate (Q_3) expressed in the unit of m^3/h and the ratio between permanent flowrate (Q_3) and minimum flowrate (Q_1) according to the following characteristics.

4.1 Permanent Flowrate (Q_3) m^3 /hour

The water meter shall be designated by the permanent flowrate expressed in the unit of m^3/h to be any value chosen from the list or higher or lower values than serial values as follows:

1	1.6	2.5	4	6.3
10	16	25	40	63
100	160	250	400	630
1000	1600	2500	4000	6300

4.2 Ratio between Permanent Flowrate (Q_3) and Minimum Flowrate (Q_1)

The water meter shall be designated by the ratio between permanent flowrate and minimum flowrate to be any value chosen from the list or higher or lower values than serial values as follows:

10	12.5	16	20	25	31.5	40	50	63	80
100	125	160	200	250	315	400	500	630	800

4.3 Ratio between Transitional Flowrate (Q_2) and Minimum Flowrate (Q_1).....

The water meter shall be designated by the ratio between transitional flowrate (Q_2) and minimum flowrate (Q_1) to be equal to 1.6.

4.4 Ratio between Overload Flowrate (Q_4) and Permanent Flowrate (Q_3).....

The water meter shall be designated by the ratio between overload flowrate (Q_4) and permanent flowrate (Q_3) to be equal to 1.25.

5. Test of Measuring Volume of Water Transmission as Follows :

5.1 Permanent Flowrate m^3 /hour Volume as Tested Litre

Temperature as Measured Degree Celsius Maximum Permissible Error % = Litre

5.2 Transitional Flowrate m^3 /hour Volume as Tested Litre

Temperature as Measured..... Degree Celsius Maximum Permissible Error % = Litre

5.3 Minimum Flowrate m^3 /hour Volume as Tested Litre

Temperature as Measured Degree Celsius Maximum Permissible Error % = Litre

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6. Volume Measuring Tank Which is Standard to Be Used to Inspect Water Meter :

Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre
Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre
Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre
Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre
Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre
Size of Volume Litre	Scale Mark 1 Mark	Display of Volume..... Litre

According to Standard No.

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(Signed).....Person Who Gives Test

(.....)

Rank.....

Date.....Month..... B.E.