



[I-21/47/2025-W&M Section]

GOVERNMENT OF INDIA/भारत सरकार
MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय
DEPARTMENT OF CONSUMER AFFAIRS/ उपभोक्ता मामले विभाग
LEGAL METROLOGY DIVISION/ विधिक मापविज्ञान प्रभाग

Krishi Bhawan/कृषि भवन, नई दिल्ली
Dated/दिनांक:- 14.05.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by prescribed authority, is satisfied that the model described in the said report (see the figure given below) is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval of Models) Rules, 2011 and the said model is likely to maintain its accuracy over periods of sustained use and to render accurate service under varied conditions;

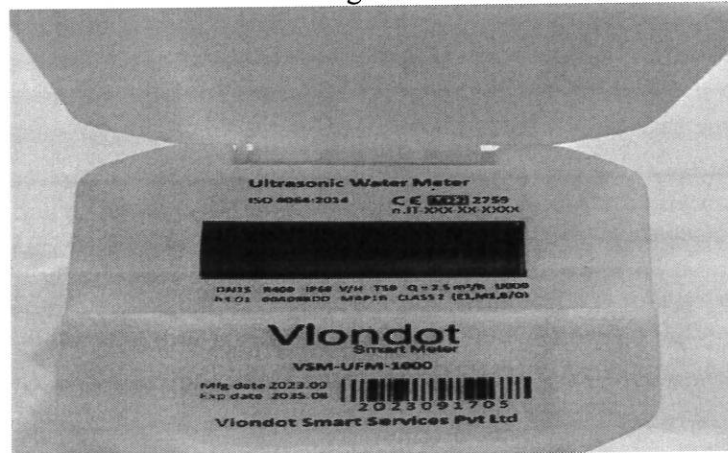
Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, the Central Government hereby issues the certificate of approval of the model of ultrasonic water meter of accuracy class 2 (hereinafter referred to as the said model) of series "VSM-UFM-1000" and with brand name "Viondot Smart Meter" manufactured by M/s. Viondot Smart Services Private Limited, GF, JA-0019, DLF Tower A, Jasola District Centre, New Delhi-110025 and which is assigned the approval mark IND/09/25/ 158 (the picture of the model is given below as Figure 1);

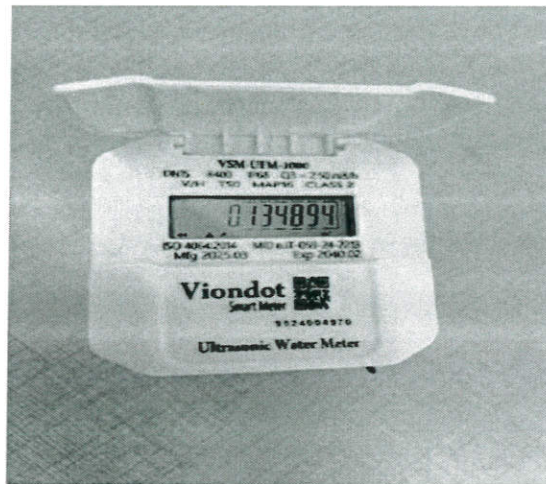
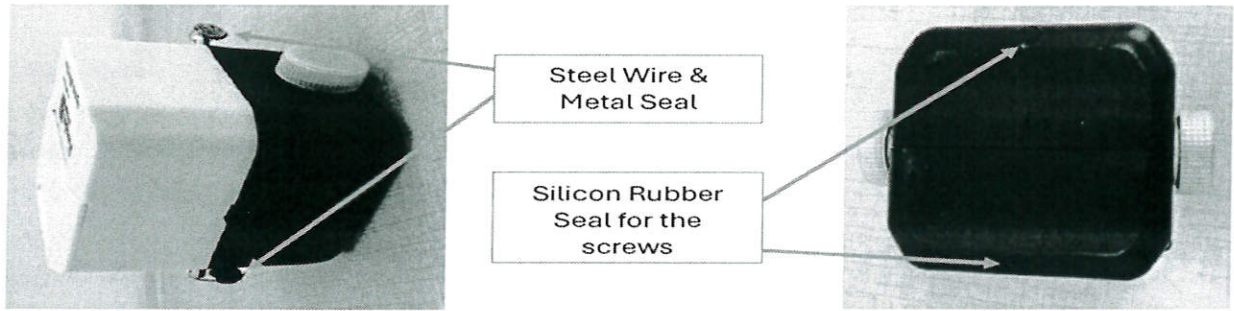
The said model is an ultrasonic water meter in which the volume of water is measured by the ultrasonic flow sensor.

Technical Data:

| | |
|-----------------------------|--------------------------|
| Size | 15mm (DN 15) |
| Accuracy Class | Class 2 |
| Minimum Flow rate (Q1) | 0.0063 m ³ /h |
| Transitional Flow rate (Q2) | 0.0010 m ³ /h |
| Permanent Flow Rate (Q3) | 2.5 m ³ /h |
| Overload Flow Rate (Q4) | 3.125 m ³ /h |
| Resolution | 1 litre |
| Max Pressure range | From 0.3 bar to 16 bar |
| Pressure losses | Δp63 |
| Temperature class | T50 |
| Type of Display | LCD |
| No. of digits for display | 9 |
| Power Supply | 3.6 V DC |

Figure-1





Meter Sealing Diagrams
Figure 2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No. I-21/47/2025-W&M Section]

Ashutosh Agarwal

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