



[I-21/76/2025-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:- 01.04.2025

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;

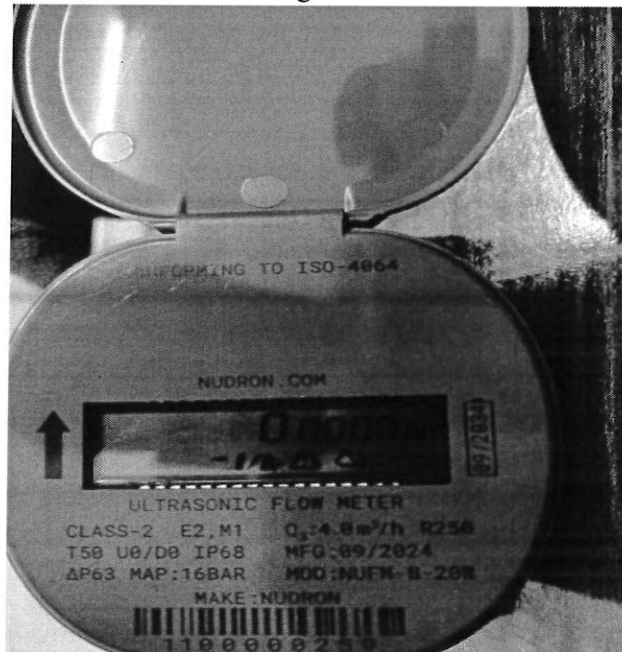
Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, as per OIML R 49, the Central Government hereby issues the certificate of approval of the model of water meter (Ultrasonic) of accuracy class 2 (hereinafter referred to as the said model) of series "NUFM-B-20W" and with brand name "Nudron" manufactured by M/s. Nudron IOT Solutions LLP, 13th Floor, 1301, Virgo Heights, 16th RD Bandra West, Mumbai, Maharashtra-400050 and which is assigned the approval mark IND/09/25/ 104 (the picture of the model is given below as Figure 1);

The said model is a water meter (ultrasonic) which is based on principle of ultrasonic sensing.

Technical Data:

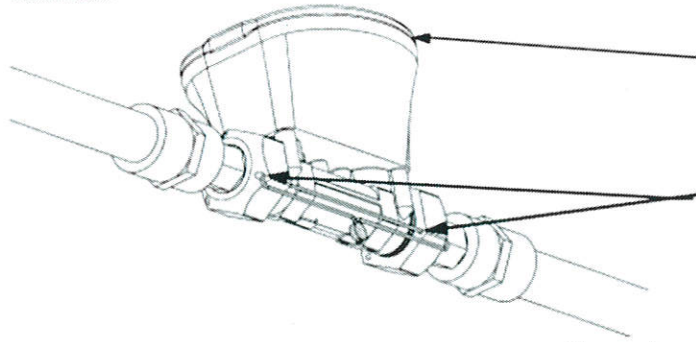
Accuracy Class	2
DN Size	20 mm
Flow Rates	Q ₁ = 0.016 m ³ /h Q ₂ = 0.026 m ³ /h Q ₃ = 4.0 m ³ /h Q ₄ = 5.0 m ³ /h
Type of Display	LCD
No. of digits	10 (999999.9999 m ³)
Power Supply	3.7 V DC

Figure-1





SEALING



The cap of the meter is permanently sealed with the housing. Any attempt to open the cap will result in physical damage of meter and loss of warranty

After installation insert tamper wire through the holes provided in the nut and seal it as required to prevent anyone from opening the connections

Figure 2

Sealing is done by passing the sealing wire through the nut provided on the enclosure. A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No. I-21/76/2025-W&M Section]

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