



Revised

[I-21/22/2024-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:- 23.02.2024

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;

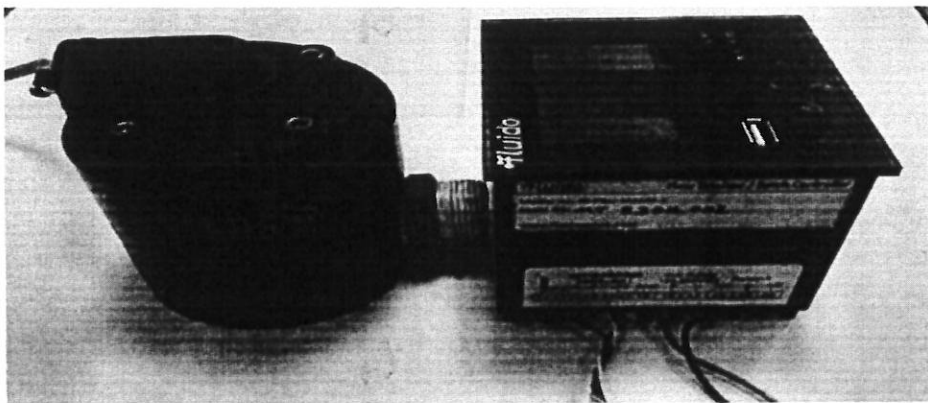
Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, as per Schedule Eighth of the Legal Metrology (General) Rules, 2011, the Central Government hereby issues the certificate of approval of measuring system for liquid other than water with digital indication of accuracy class 0.5 of "FS for flowmeter and FS-FB-M1M8-1 for batch controller" series with brand name "FLUIDO" (hereinafter referred to as the said model), manufactured by M/s Fluido Sense Private Limited, Plot No.A-35, S-7, Second Floor Multilevel Shed, GIDC, Sector_25 Gandhinagar Gujarat 382028 and which is assigned the approval mark IND/09/24/040 (the picture of the model is given below as Figure 1);

The said model is measuring system for liquid other than water and it is used as Oval Gear type positive displacement flowmeter.

Technical Data:

Maximum Flow Rate	2000 litre per hour
Minimum Flow Rate	150 litre per hour
Accuracy Class	0.5
Minimum Measured Quantity (MMQ)	5 litre
Resolution/Smallest Division	10 ml
Display Type	LED
Volume Display	7 digits
Flowrate Display	5 digits
Totalizer Display	11 digits
Power Supply	230V, 50Hz AC

Figure- 1



Flowmeter 20 mm

Batch Controller

Brand Name: - FLUIDO, Series; FS for flowmeter and FS-FB-M1 M8-1 for batch Controller
MMQ; 5 Liter, Resolution; 0.01 Liter, Maximum Flow Rate; 2000 Liter per Hour/33.33 Liter per Minute
Minimum Flow Rate; 150 Liter per Hour / 2.5 Liter per Minute

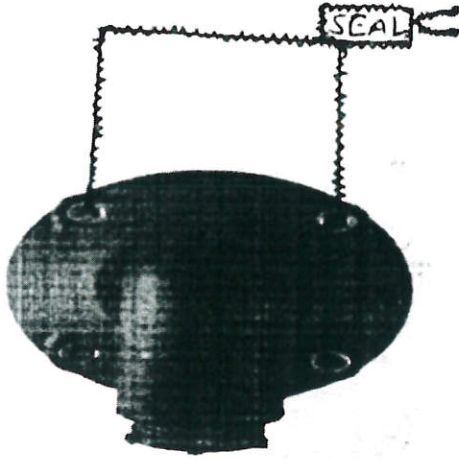


Figure -1

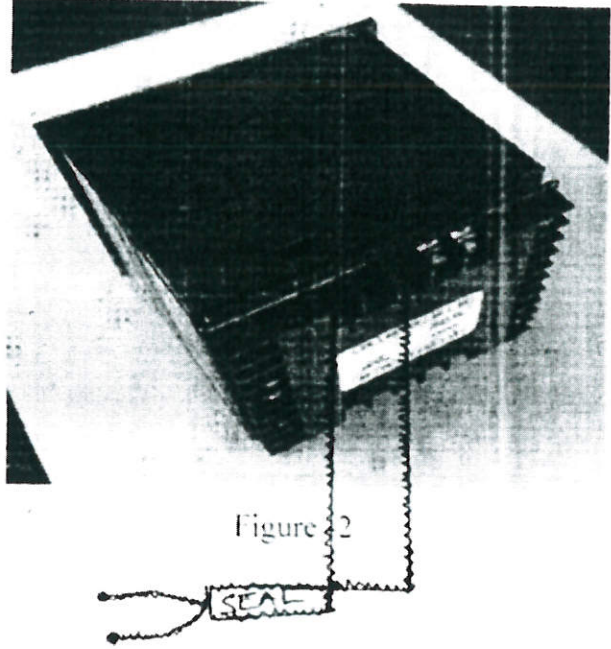


Figure 2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure. A DIP switch is provided to protect unauthorized external calibration.

Further, in exercise of the power conferred by sub-rule (9) of rule 8 of the Legal Metrology (Approval of Models) Rules, 2011, the Central Government hereby declares that this certificate of approval of the said model shall also cover the measuring system for liquid other than water of similar make, accuracy and performance of same series with maximum flowrate 150-2000 litre per hour manufactured by the same manufacturer in accordance with the same principle, design and with the same materials with which, the said approved model has been manufactured.

[F.No. I-21/22/2024-W&M Section]

Ashutosh Agarwal

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