



[I-21/348/2025-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, New Delhi/कृषि भवन, नई दिल्ली

Dated/दिनांक:- 17.12.2025

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 117, the Central Government hereby issues the certificate of approval of Electromagnetic Flow meter of accuracy class 0.5 of series “GREENCARE-EMF-CG-100” and with the brand name “GREENCARE” (hereafter in referred to as the said model) manufactured by M/s. Green Flowtech Engineering, C 31, Sector 3, Phase 3, Dwarka , South West Delhi- 110078 which is assigned the approval mark IND/09/25/ 539 (the picture of the model is given below as Figure 1);

The said model is Electromagnetic Flow meter intended to be used in measuring volume & flow rate of conducting liquids. Its nominal diameter is 50mm.

Technical Data:

Accuracy class	0.5
Procedure adopted for testing & conformity	OIML R 117
Size	50 mm
Maximum Flow Rate	47 m ³ /hr
Minimum Flow Rate	2 m ³ /hr
Minimum Measured Quantity (MMQ)	0.1 m ³
Resolution/Smallest division	0.001 m ³
Type of Display	LCD
No. of Digits for flow rate	5 digits
No.of digits of Totalizer	9 digits
Power Supply	230 V AC/ 24 V DC
Software version	Ver 9.27
Checksum	0x008C166B
Probable use	Used in measuring volume & flow rate of conducting liquids.

Figure 1



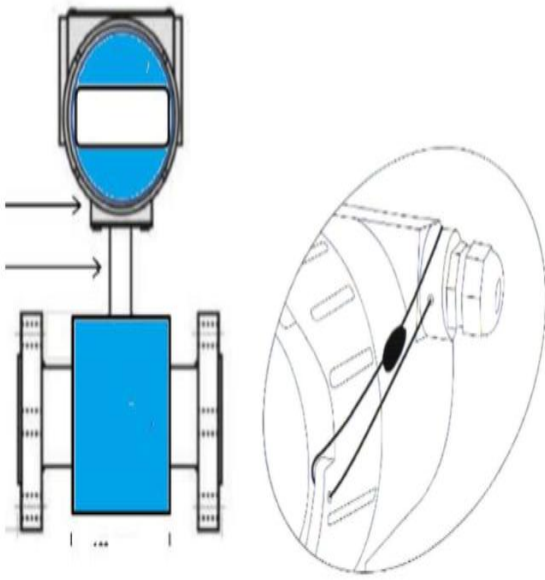


Figure 2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2. A dip switch is provided on the mother board to prevent the external calibration.

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