Online application no. 24167

[I-21/327/2026-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-: 02.11.2026

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 model of Coriolis Mass Flow meter of accuracy class 0.3 of series "VSAN-MFT" and with the brand name "VSAN SENSORS" (hereafter in referred to as the said model) manufactured by M/s. VSAN ELECTRICALS AND SENSORS, No. 10, Rajarajan Nagar Extension, Vanagram, Chennai-600095 which is assigned the approval mark IND/09/26/ 499 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Coriolis Mass Flow meter (Measuring systems on pipelines)
Accuracy class	0.3
Tested as per the standard	OIML R 117
DN Size	80 mm
Max Flow Rate	90 m^3/h
Min Flow Rate	5 m^3/h
Minimum Measured Quantity (MMQ)	0.1 m^3
Smallest division	0.001 m^3/h
No.of digits for flow rate	6 digits
No. of digits for Totalizer	9 digits
Type of Display	LCD
Power supply	230V AC / 24 V DC
Software version	V 4.20
Checksum	52feada1f47ff52a698c07075170fa9f4f14b0e6
Probable use	Measuring the flow rate /volume of all kinds of fluids.

Figure 1



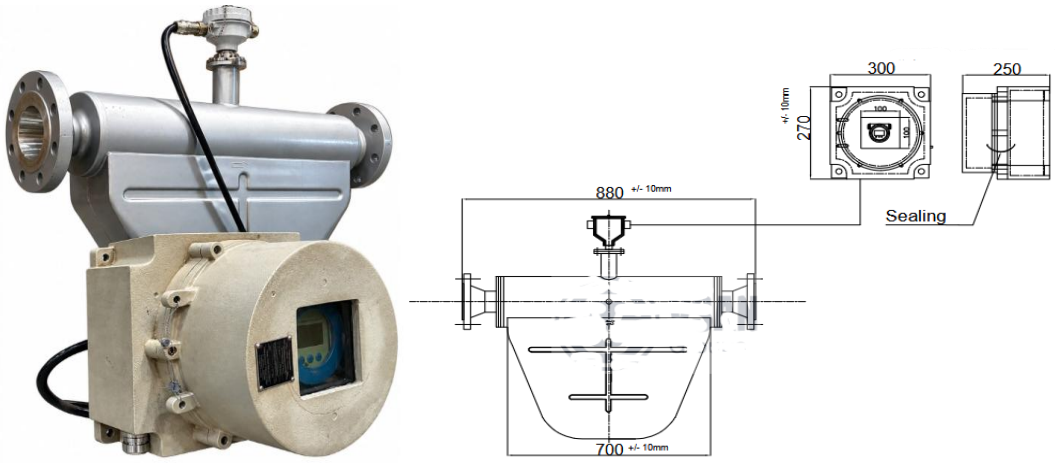


Figure 2

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

[F.No. I-21/327/2026-W&M Section]

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