



[I-21/291/2025-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:- 11.11.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by the prescribed authority, is satisfied that the model described in the said report 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 Measuring systems for liquids other than water with digital indication of Accuracy Class 0.5 of series "ME-13" with brand name "Madhuli Engineering" (here in after referred to as the said model), manufactured by M/s Madhuli Engineering, Plot No. 12 & 13, GF, Krishna Park Ind., Village-Saniya Hemad, Ta-Chorasi, Surat, Gujarat-395010 and which is assigned the approval mark IND/09/25/477 (the picture of the model is given below as Figure 1);

Technical Data:

Accuracy class	0.5
Maximum Flow Rate	80 lpm
Minimum Flow Rate	40 lpm
Minimum Measured Quantity(MMQ)	2 litre
Resolution/Smallest Division	10 ml
Amount to pay	7 digits
Volume display	7 digits
Non resettable totalizer(digital)	8 digits
Rate Display	5 digits
Display Type	LCD
Power Option	220 V AC 50Hz/ 12 to 24 V DC
Software details	Dispenser Mother Board: Firmware File: ME-013_106_251001.bin MD5 Checksum: C45ABA2B32072961D4343A65A1E0A16B SHA-1 Checksum: 8CCD054DB83D2D438E8330561042BD3483A7432E SHA-256 Checksum: 6F9F9022C26B7FFACA367A7F078D2D6F9667C5D1F46A9BF94ED75E3FF AC08BDC



Figure 1

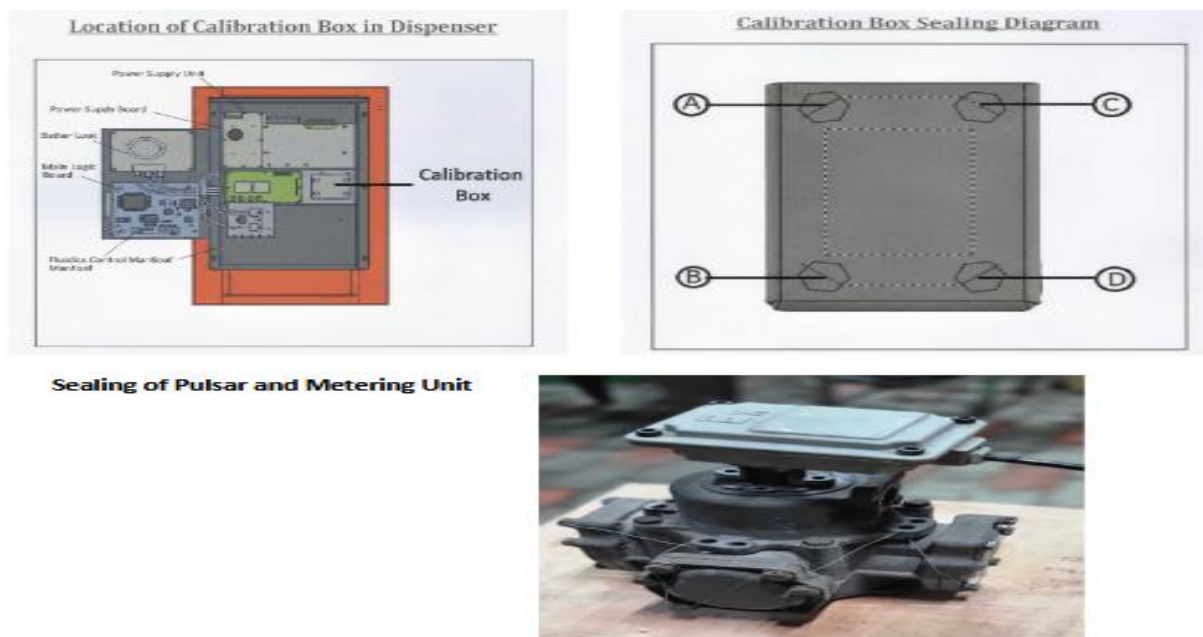


Figure 2.

Four holes are provided for sealing the cover of calibration box and sealing wire is passed through the holes forming a loop . A dip switch is provided in the calibration box to diable access to external calibration. 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-21/291/2025-W&M]



Online Application: 23371

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