



Online Application No. 24071

[I-21/293/2026-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:- 28.09.2026

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 Schedule Eighth of the Legal Metrology (General) Rules, 2011 and OIML R-139-2018, the Central Government hereby issues the certificate of approval of model of compressed gaseous fuel (CNG) measuring systems for vehicles of accuracy class 1.5 of series "SPT-CG-250" and brand name "SOPAN" (hereinafter referred to as the said model), manufactured by M/s. Sopan Process Technologies Private Limited, Survey No.-17, Samandra Road, Near HPCL Petrol Pump, Village- Kazipura, Post: Kheda-387120, Gujarat and which is assigned the approval mark IND/09/26/454 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Compressed gaseous fuel (CNG) measuring systems for vehicles
Working Principle	Based on Coriolis Mass Flowmeter
Maximum Flow Rate	75 kg/min
Minimum Flow Rate	1 kg/min
Accuracy Class	1.5
Minimum Measured Quantity (MMQ)	2 kg
Resolution	0.01 kg
Display Type	Liquid Crystal Display (LCD)
Maximum Pressure of the gas (Pmax)	250 bar
Minimum Pressure of the gas (Pmin)	30 bar
Volume Display	6 Digits
Amount to pay display	6 Digits
Rate Display	6 Digits
Non Resettable Totalizer(Digital)	6 Digits
No. of Nozzles	upto 02
Length of the hose pipe	upto 5 m
Software version	SP NG12 2.0.01
Checksum	60027
Power Supply	230 V AC, 50 Hz



Figure-1

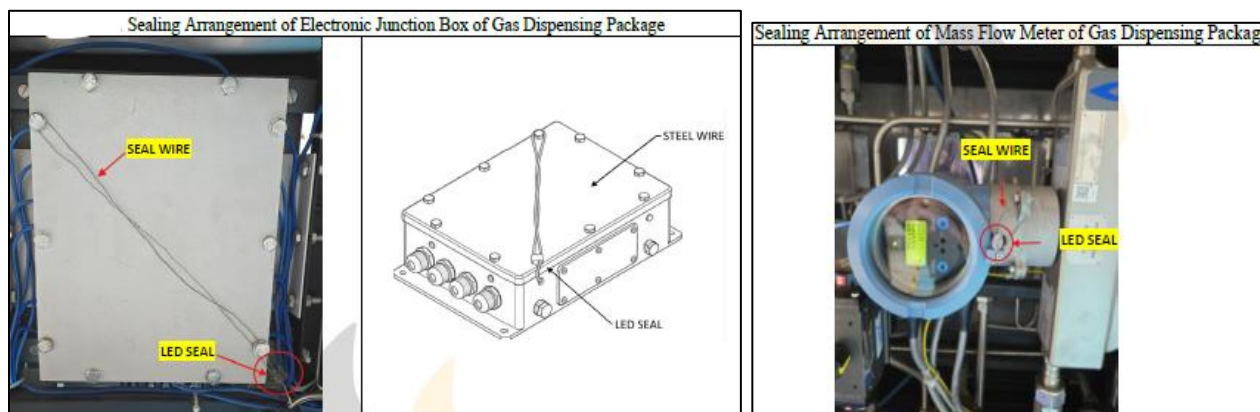


Figure- 2

The seal wire is passed through the holes of electronic junction box and flowmeter and then sealed to prevent the fraudulent practices of the model. A dip switch has also been provided in mother board to disable access to external calibration (a typical schematic diagram & photograph of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2).

[F.No. I-21/293/2026-W&M Section]



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