



[I-21/244/2025-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:- 26.09.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by the prescribed authority along with the Evaluation Certificate no.: EV25002 issued by Tifernogas s.r.l., Italy, 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, the Central Government hereby issues the certificate of approval of the model of Mechanical Diaphragm gas meter, Type: "RS1.2IND-PP-NB" of accuracy class: 1.5 (hereinafter referred to as the said model), manufactured by M/s Pietro Fiorentini Db India Private Limited, Gat No. 43, Navlakh Umbre, Jadhavwadi Dam Road, Talegaon MIDC, Pune, Maharashtra-410507 which is assigned the approval mark IND/09/25/370 (the picture of the model is given below as Figure 1);

Figure 1



Technical Data:

Accuracy Class	1.5
Environmental Class	M2/E2
Resistance at high Temperature	T
Temperature Range	-25 °C to +55 °C -10 °C to +55 °C
Maximum Pressure	0.5 bar
Designed for	Condensing Humidity
Outdoor without protection	H3
Housing material	Steel
Mechanical Register	Indication takes place in m ³ , by at least 5 drums before comma and 3 drums after comma. The counter is adjustable via an adjusting wheel.



Type	G-value	Qmax m ³ /h	Qmin m ³ /h	Qt m ³ /h	V dm ³
RS1.2IND-PP-NB	4.0	6	0.040	0.60	1.2
	2.5	4	0.025	0.40	1.2
	1.6	2.5	0.016	0.25	1.2

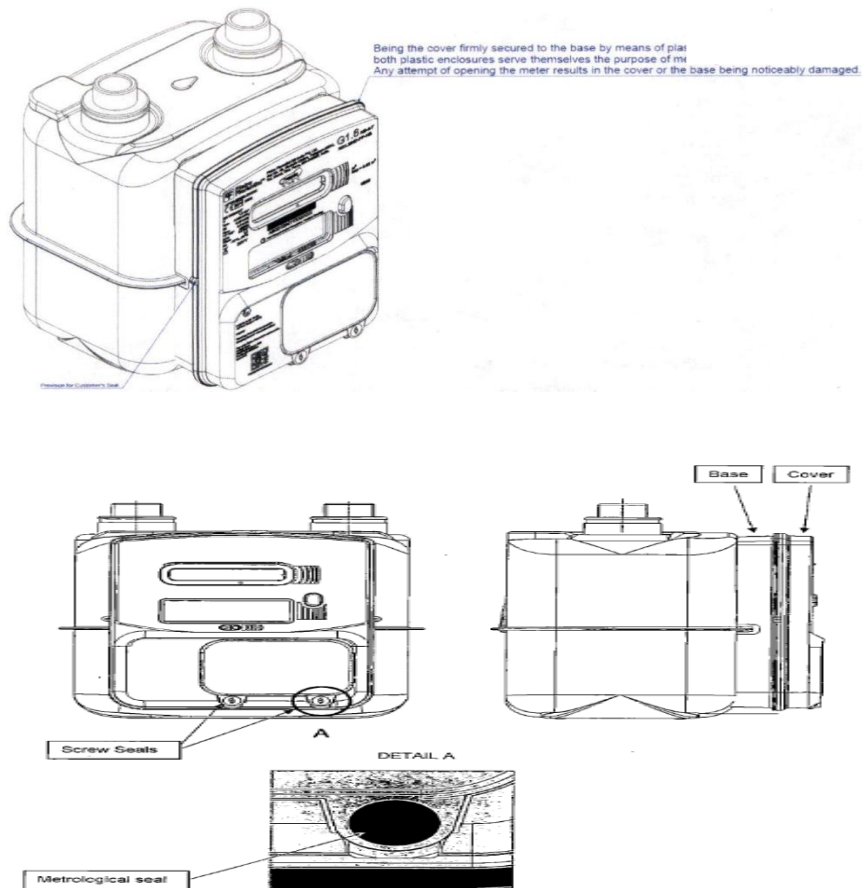


Figure-2

The plastic front cover has the function of a metrological seal as it is firmly attached to the base by means plastic snap fasteners and specific sealant that could be Korapur 140, HB Fuller AT3160W or Sikaflex-503 WR. Being the cover firmly secured to the base by means of plastic snap- fits and a sealant both , plastic enclosures serve themselves the purpose of metrological seals. Any attempt of opening the meter results in the cover or the base being noticeably damaged. A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No.I-21/244/2025-W&M Section]



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