



[I-21/84/2025-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:- 13.05.2025

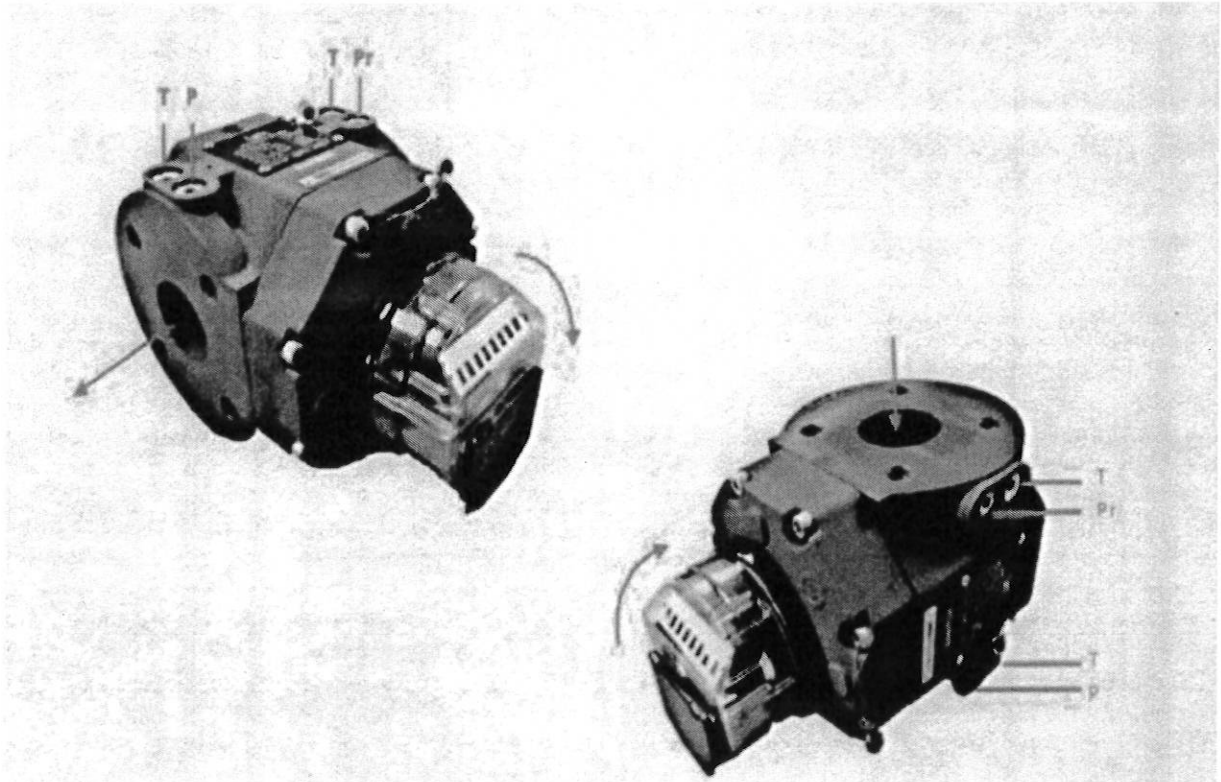
**Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र**

Whereas the Central Government, after considering the report submitted to it by the prescribed authority along with the EU type examination Certificate no.: T12989 revision 0 issued by NMI Certin B.V, Netherlands, 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 Rotary Displacement Gas Meter, Type: "RM Series" of accuracy class: 1.0 (hereinafter referred to as the said model), manufactured by M/s FlowM Technologies OU, Narva mnt 5, 10117 Tallinn Harju maakond, Estonia, and imported and marketed in India without any alteration before or after sale by M/s GM Enterprises 15 GF, Tower A, Logix Technova, Sector 132, Noida-201301 which is assigned the approval mark IND/09/25/156 (the picture of the model is given below as Figure 1);

**Valid Upto: 18.02.2035**

Figure 1





# General characteristics:

Accuracy Class	1.0
Environmental classes	M1
Maximum pressure	20 bar(g)
Temperature Range	-25 °C to +55 °C/ -10 °C to +55 °C
Destined for the measurement of	Gas Volume

# Essential characteristics:

Volume V (dm <sup>3</sup> )	G-value	Q <sub>max</sub> (m <sup>3</sup> /h)	Q <sub>t</sub> (m <sup>3</sup> /h)	Temperature range <sup>[3]</sup>		DN-size
				Option A -25 °C to +55 °C	Option B -10 °C to +55 °C	
				Q <sub>min</sub> (m <sup>3</sup> /h)	Q <sub>min</sub> (m <sup>3</sup> /h)	
0.22	G10	16	1.2	-	0.4	25
0.26	G16	25	1.25	0.5	0.4	40
	G25	40	2	0.5	0.4	40
0.69 <sup>[2]</sup>	G16	25	1.25	0.5	-	50
	G25	40	2	0.5	-	50
	G40	65	3.25	0.5	-	50
	G65	100	5	0.5	-	50
1.11 <sup>[2]</sup>	G100	160	8	1	-	80
2.31 <sup>[2]</sup>	G160	250	12.5	1.6	-	80
2.98 <sup>[2]</sup>	G160	250	12.5	2.5	-	100
	G250	400	20	2.5	-	100
3.88 <sup>[1,2]</sup>	G400T	650	32.5	4	-	100
5.97 <sup>[1,2]</sup>	G400T	650	32.5	6.5	-	150
	G650T	1000	50	6.5	-	150

[1] Twin rotor version named “G...T”

[2] These samples can optionally be manufactured as an MPV version

[3] For individual rotary gas meters a single temperature range (option A or B), combined with the indicated minimum Qmin shall be selected

# Register:

Size	Number of drum		Control element (m <sup>3</sup> )
	Before comma	the Behind the comma	
G10-G65	6	2	0.002
G100-G650	7	1	0.02



### Sealing marks

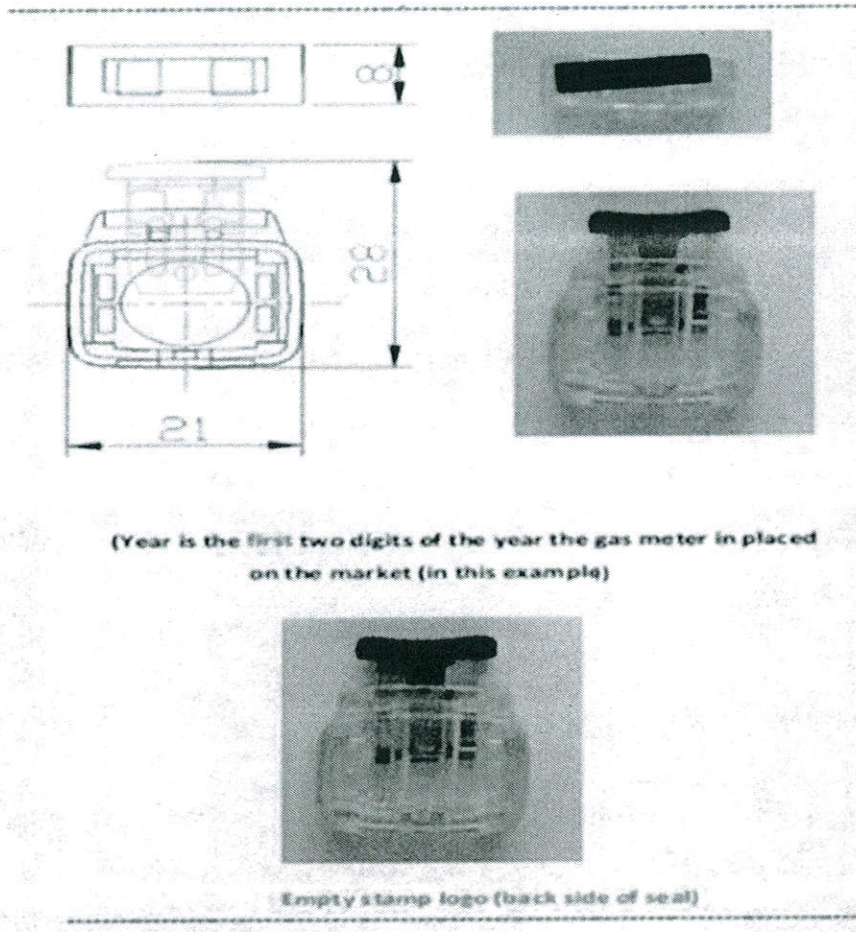


Figure 2

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

[F.No. I-21/84/2025-W&M Section]

*(Signature)*

(Ashutosh Agarwal/आशुतोष अग्रवाल)

Director (Legal Metrology) to Govt. of India/ निदेशक (विधिक माप विज्ञान) भारत सरकार

Phone/दूरभाष 01123389489

Email/ई-मेल: [dirwm-ca@nic.in](mailto:dirwm-ca@nic.in)

Online Application No. 22114