Online Application No. 30441

[I-21/304/2026-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-: 13.10.2026

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by prescribed authority, along with the OIML certificate no.R137/2012-A-NL1-26.06 revision 0 issued by NMi Netherland, 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 Ultrasonic Gas meter, with brand name "CAPITAL" and Type "TAGUS-yyxxUS" (herein after referred to as the said model) manufactured by M/s Capital Innotech Private Limited, E-100, Mewar Industrial Area, Madri, Udaipur-313003, Rajasthan and which is assigned the approval mark IND/09/26/ 481 (the picture of the model is given below as Figure 1);

Valid Until: 28.08.2036

Figure 1



G1.6 to G4



G6



G10



G16



G25

Technical Data:

Type of Instrument	Ultrasonic gas meter
Accuracy Class	1.5
Maximum pressure	0.5 bar (g)
Environment Class	M1/E2
Ambient Temperature range	-25°C to +55°C
Gas Temperature range	-25°C to +55°C

Designed for	Condensing humidity
Intended for the measurement of	Gas volume of natural gas type H,L and E, with a Gross Wobbe Index between 39,1 MJ/m3 and 54,7 MJ/m3 at 15 °C and 1,01325 bar, including mixtures with a hydrogen concentration of up to 23% by volume.
Power supply voltage	3.6 V DC internal battery
Software identification	Version number: 02203603 Checksum: 0x247F69C9
Communication module (yy in TAGUS-yyxxS)	G GPRS N NB-IoT L LoRaWAN SF Sigfox

General characteristics of the family of instruments:

Meter type (xx in TAGUS-*yyxxUS)*	1.6	2.5	4W	4	6W	6	10	16W	16	25
Minimum flow rate Qmin (m^3/h)	0.016	0.025	0.016	0.04	0.04	0.06	0.1	0.1	0.16	0.25
Transitional flow rate Qt (m^3/h)	0.25	0.4	0.25	0.6	0.6	1	1,6	1.6	2.5	4
Maximum flow rate Qmax (m^3/h)	2.5	4	6	6	10	10	16	16	25	40
Overload flow rate Qr (m^3/h)	3	4.8	7.2	7.2	12	12	19.2	19.2	30	48
Indicating range (m^3)	99 999,9999						999 999,999			
Verification scale interval (m3)	0,0001						0,001			
Centreline distance [mm]	90 110 130				110 130 152,4 160		152,4 160 180			180 200 220
Connection size	M30 G 3/4” G 7/8” G 1 ¼”				M36 M42 G 1 ¼” G 1 ½”		M42 M64 G 1 ¼” G 1 ½” G 2” G 2 ½”			M64 M80 G 1 ¾” G 2” G 2 ½” G 2 ¾”

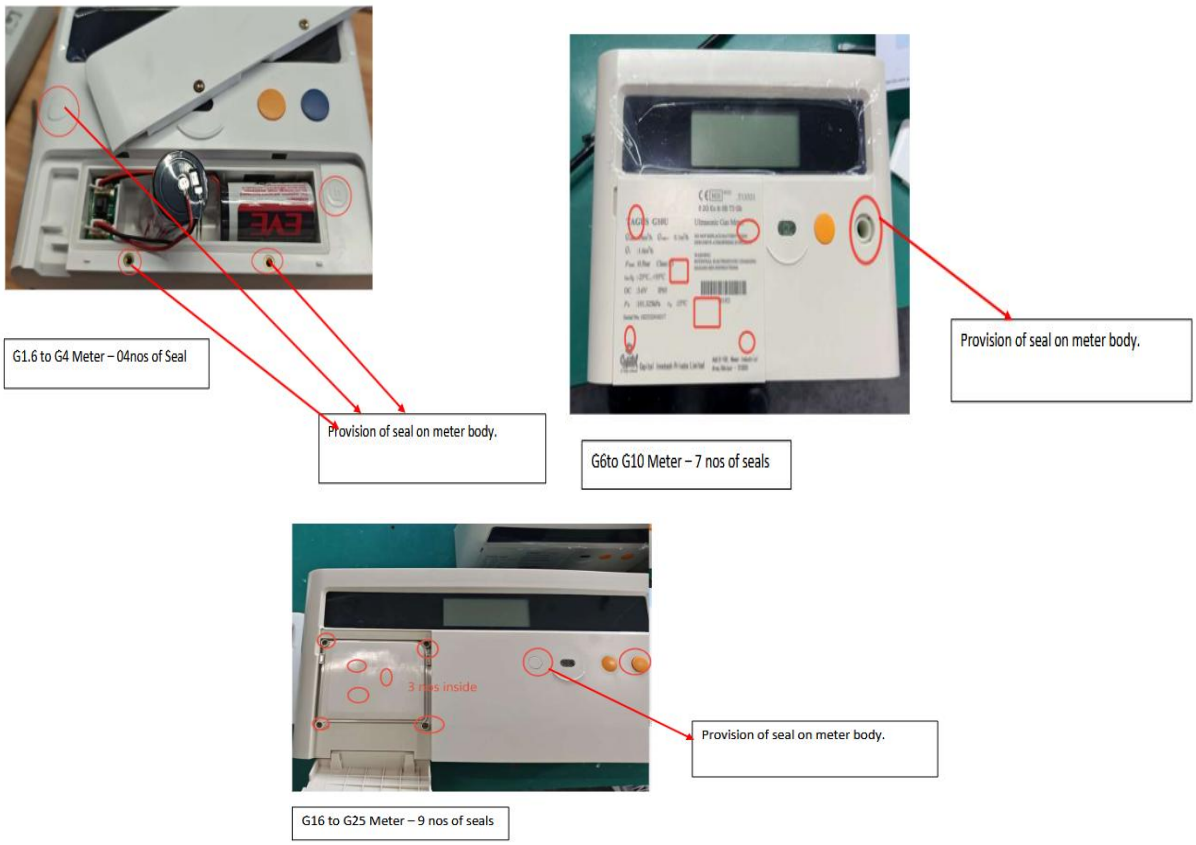


Figure 2

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

[F.No. I-21/304/2026-W&M Section]

ASHUTOSH AGARWAL
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