



[I-21/262/2025-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:- 06.10.2025

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 OIML R-137, the Central Government hereby issues the certificate of approval of the model of Gas meter (Smart Diaphragm type with electronic display) belonging to accuracy class 1.5 of series "G1.6S-VOLTA" and with brand name "CAPITAL" (hereafter in referred to as the said model), manufactured by M/s Capital Innotech Private Limited, E-100, Mewar Industrial Area, Madri, Udaipur, Rajasthan – 313003 which is assigned the approval mark IND/09/25/393 (the picture of the model is given below as Figure 1);

Figure 1



Accuracy Class=1.5, Series= G1.6S-VOLTA, Brand Name=CAPITAL

**Technical Data:**

Model	Gas meter (Smart Diaphragm type with electronic display)
Working Principle	Based on movement of Diaphragm
Maximum Flow Rate (Qmax)	2.5 m ³ /h
Minimum Flow Rate (Qmin)	0.016 m ³ /h
Transition Flow Rate (Qt)	0.25 m ³ /h
Resolution	1 liter
Accuracy Class	1.5
Cyclic Volume	1.2 liter
Type of Display	LCD
Maximum Working Pressure (Pmax)	0.5 bar
Volume Display	XXXXX.XXX (8 digits)
Ambient Temperature Range	-25°C to +55°C
Gas Temperature Range	-25°C to +55°C
Firmware	V2.8
Checksum	AA8E2724



Figure-2

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

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