Online Application No. 30440

[I-21/318/2026-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 EU-Type examination certificate no.T13192 revision 0 issued by NMi Certin B.V, Thijsseweg 11 2629 JA Delft, The 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 Electronic Gas-Volume Conversion Device (EVCD), type "CAP I" with brand name "CAPITAL" intended to be used for gas volume conversion as a sub-assembly of a gas meter (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/ 483 (the picture of the model is given below as Figure 1);

Valid Until: 26.06.2036

Figure 1



Technical Data:

Ambient Temperature range	-25°C to +55°C
Gas Temperature range	-25°C to +80°C
Pressure range	0.5 to 100 bar
Conversion principle	PTZ, PT, T
Environment classes	M2/E2
Designed for	Non-condensing humidity
Software version	6600106
Checksum	61B7
Display	LCD
Power supply	Battery power supply: Lithium battery (19Ah for CAP I, D-size. The EVCD also can be supplied by an external dc power supply.
Impulse input	Input HF Maximum frequency 5kHz Minimum impulse length 0.1 ms

Used for	Gas volume conversion as a sub-assembly of a gas meter

Pressure ranges:

Type	Pressure range p (bar)
Producer: MultiDimension Technology Co.,Ltd. Type SRP-10	$0.7 \leq p_{abs} \leq 2$ $0.7 \leq p_{abs} \leq 5$
Producer: Keller Type: PAA-10L	$0.8 \leq p_{abs} \leq 2$ $1.0 \leq p_{abs} \leq 5$ $2.0 \leq p_{abs} \leq 10$ $4.0 \leq p_{abs} \leq 20$ $10 \leq p_{abs} \leq 50$ $20 \leq p_{abs} \leq 100$

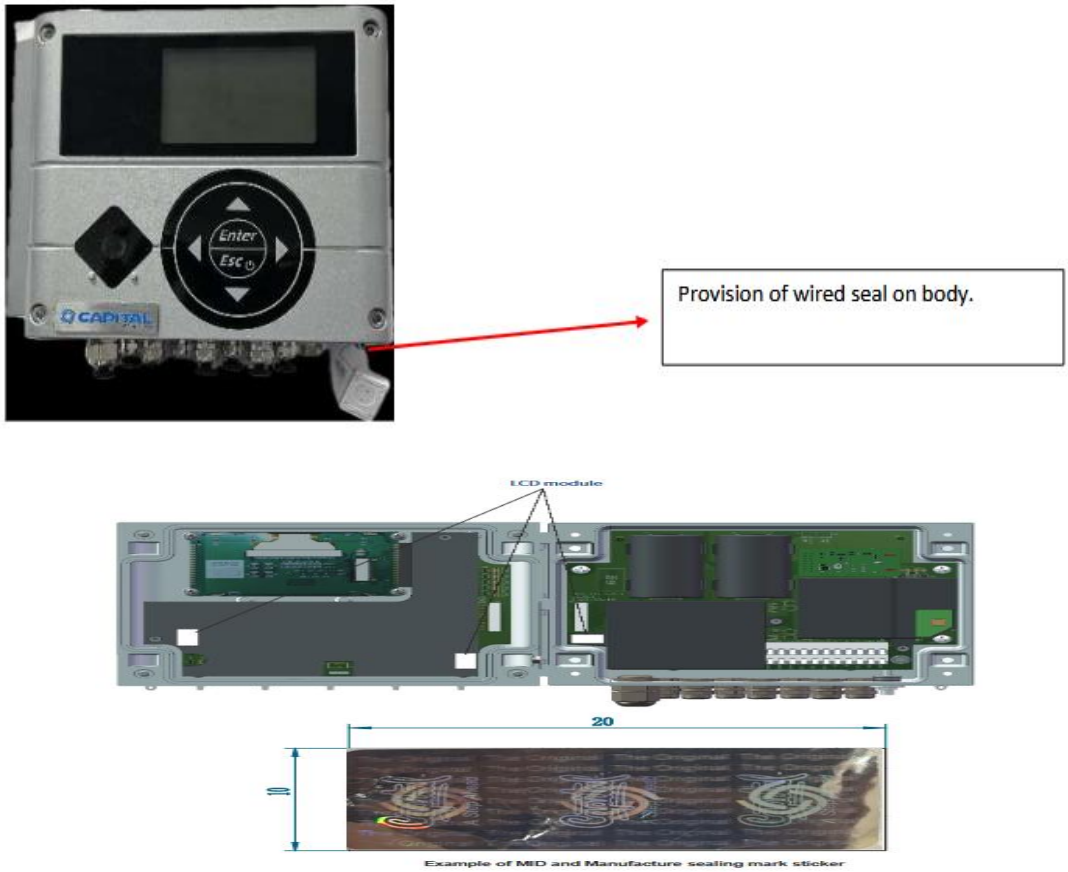


Figure 2

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

[F.No. I-21/318/2026-W&M Section]

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