



[I-21/80/2024-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:- 20.03.2024

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;

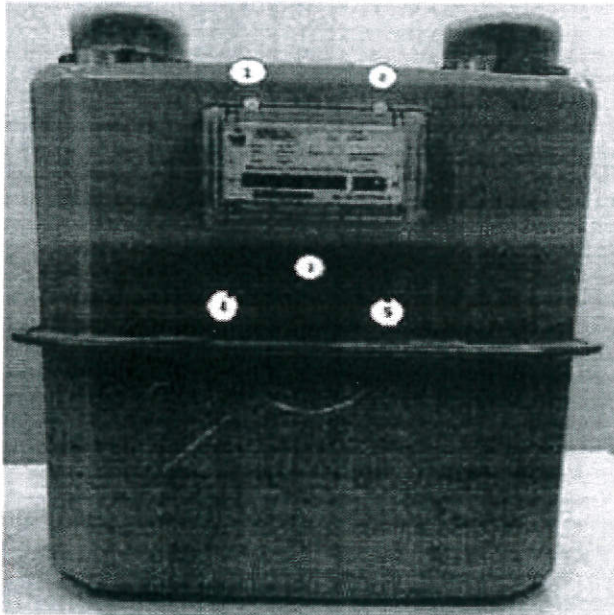
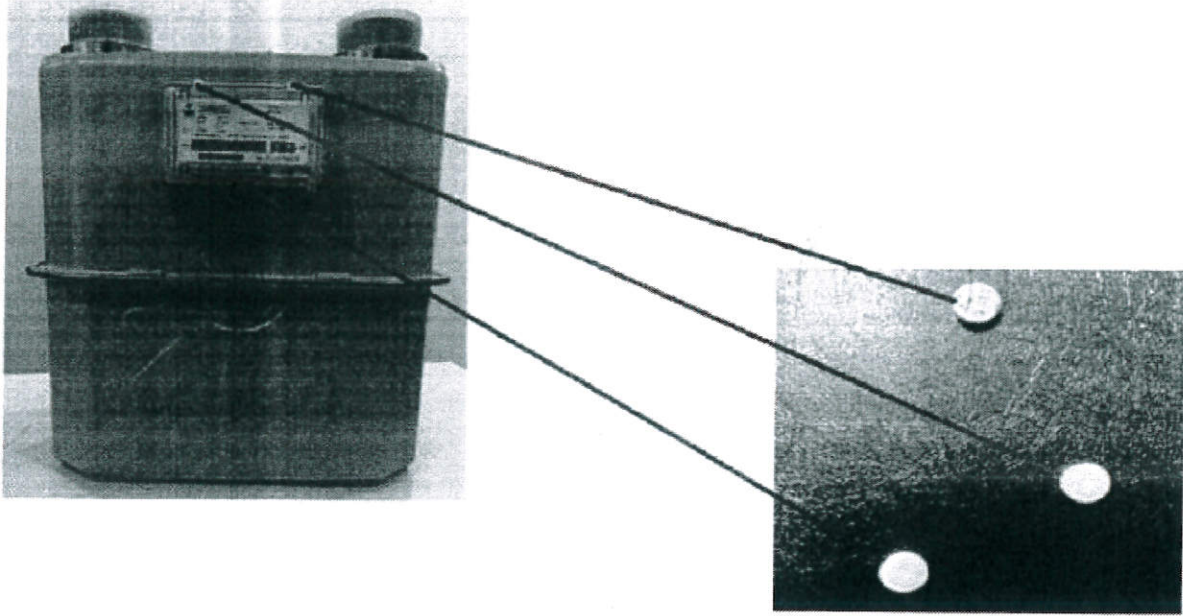
Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, as per OIML R 137, the Central Government hereby issues the certificate of approval of Diaphragm Gas Meter with mechanical counter of accuracy class 1.5 of "G10S" series with brand name "CAPITAL" (hereinafter referred to as the said model), manufactured M/s Capital Innotech Private Limited, E-100, Mewar Industrial Area, Madri, Udaipur, Rajasthan-313003 and which is assigned the approval mark IND/09/24/133 (the picture of the model is given below as Figure 1);

Technical Data:

Model	Diaphragm Gas Meter with mechanical counter
Maximum Flow Rate (Qmax)	16 m ³ /h
Minimum Flow Rate (Qmin)	0.1 m ³ /h
Transitional Flow Rate (Qt)	1.6 m ³ /h
Maximum Working Pressure (Pmax)	0.5 bar
Accuracy Class	1.5
Mechanical Counter Display (Volume in m ³)	XXXXXX.XX
Rotation Volume (dm ³)	5

Figure- 1








- ① Seal with Mark 
- ② Seal with Mark 
- ③ Seal with Mark 
- ④ Hole for wired seal
- ⑤ Hole for wired seal

Figure- 2

Refer to attached photo above, total 3 Seals (①②③) are installed on gas meter's counter cover with suitable approved design, size and strength. If try to tamper with the counter cover, it will leave indelible trace on seals and easy be found. These 3 seals are pre-equipped in CIPL factory. A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No. I-21/80/2024-W&M Section]

Ashutosh Agarwal

(Ashutosh Agarwal/अशुतोष अग्रवाल)
Director (Legal Metrology) to Govt. of India/ निदेशक (विधिक माप विज्ञान) भारत सरकार
Phone/दूरभाष01123389489
Email/ई-मेल: dirwm-ca@nic.in