[I-21/8/2026-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, New Delhi/कृषि भवन, नई दिल्ली

Dated/दिनांक-: 08.01..2026

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 OIML Certificate No. R 117/2019-A-NL1-21.02 revision 5 issued by NMi Certain 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 and as per OIML R 117 : 2019, the Central Government hereby issues the certificate of approval of the model of a fuel dispenser of type "Sprint" of accuracy class-0.5 (hereinafter referred to as the said model), manufactured by M/s Gilbarco Veeder Root India Pvt Ltd, PDP Manufacturing Facility, SF No. 628/2 & 627/2, W-4, Coimbatore Campus, Eachanari Chettipalayam Road,Malumchampatti, Coimbatore-641021, Tamil Nadu and which is assigned the approval mark IND/09/26/ 22 (the picture of the model is given below as Figure 1);

Figure 1

General characteristic of the fuel dispenser:

	Fuel Dispenser
Minimum-Maximum flow rate	1.6 – 40 L/min; Viscosity range 0.4 -1.0 mPa-s
	2.0 – 80 L/min; Viscosity range 1.1 -8.0 mPa-s
Minimum measured quantity	2, 5 and 10 L
Maximum Pressure	3.5 bar(g)
Accuracy class	0.5
Environmental class	M1/E1
Ambient Temperature range	-25°C to +55°C
Product Temperature range	-25°C to +55°C
Intended for the measurement of	Hydrocarbon oils (Gasoline, Gasoline upto 86% ethanol or MTBE, Gasoline upto 5%methanol,Diesel or Biodiesel up to 100%)

Flow characteristics of the configurations:

Configuration	Flow rate range	Remarks
1 × gas separator* 1×meter sensor type C+,V or V+	1.6 – 40 L/min	Intended for the measurement of hydrocarbons oils with viscosity range 0.4-1.0 mPa.s
1 × gas separator* 1×meter sensor type C+,V or V+	2.0 – 80 L/min	Intended for the measurement of hydrocarbons oils with viscosity range 1.1- 8.0mPa.s. Optionally a feature to allow Qmax to be limited to 40L/min
1 × gas separator* 2 ×meter sensor type C+,V or V+ one per dispenser side	1.6 – 40 L/min	Intended for the measurement of hydrocarbons oils with viscosity range 0.4-1.0 mPa.s. The gas separator of this measuring system is suitable for use with two-meter sensor .Each meter sensor is considered a part of an individual measuring system .Flowrate reduces to 40L/min with both meter sensors operating. Optionally a feature to allow Qmax to be limited to 40L/min with a single meter sensor operating.
1 × gas separator* 2 ×meter sensor type C+,V or V+ one per dispenser side	2.0 – 80 L/min	Intended for the measurement of hydrocarbons oils with viscosity range 1.1 - 8.0 mPa.s. The gas separator of this measuring system is suitable for use with two- meter sensor .Each meter sensor is considered a part of an individual measuring system .Flow rate reduces to 40L/min with both meter sensors operating
2 × gas separator* 2 ×meter sensor type C+,V or V+	2.0 – 130 L/min	Intended for the measurement of hydrocarbons oils with viscosity range 1.1- 8.0 mPa.s. A Qmax of 130L/min is reached by connecting two gas separators and two-meter sensor in parallel with delivery through a single transfer point. Optionally a feature to allow Qmax to be limited to 80L/min. Optionally a feature to allow one of the gas separator and one of the meter sensors to operate as the configuration described above.

General characteristics of the measurement sensor type C+:

Flow rate range(L/min)	1.6 – 40 L/min	2.0 – 80 L/min
Intended for the measurement of	Hydrocarbons oils with a viscosity of 0.4 mPa.s -1.0 mPa.s	Hydrocarbons oils with a viscosity of 1.1 mPa.s -8.0 mPa.s

MMQ	1L	1L
Maximum Pressure	3.5 bar	3.5 bar
Environmental class	M1/E1	M1/E1
Ambient temperature range	-40°C / +55°C	-40°C / +55°C
Product temperature range	-40°C / +50°C	-40°C / +50°C

General characteristics of the measurement sensor type V and V+:

Flow rate range(L/min)	1.6 – 40 L/min	2.0 – 80 L/min
Intended for the measurement of	Hydrocarbons oils with a viscosity of 0.4 mPa.s -1.0 mPa.s	Hydrocarbons oils with a viscosity of 1.1 mPa.s -8.0 mPa.s
MMQ	2L	2L
Maximum Pressure	3.5 bar	3.5 bar
Environmental class	M1/E1	M1/E1
Ambient temperature range	-25°C / +55°C	-25°C / +55°C
Product temperature range	-25°C / +50°C	-25°C / +50°C

General characteristics of the calculating/indicating device type Apollo-II and or Apollo-Astra:

Maximum volume indication	7 digits (9999999; floating decimal)
Maximum unit price	6 digits (999999;floating decimal)
Maximum price to pay	7 digits (9999999; floating decimal)
Environmental classes	M1/E1
Ambient temperature range	-25°C / +55°C
Impulse encoder or pulser	SIP; SIP-II, Evole 2.1 and Astra Ex d pulser

Software version and checksum of the calculating /indicating device type Apollo-II

Software version	CRC Checksum
A31.1.01(displayed as A31101)	8564
A31.1.02(displayed as A31102)	16D8
A31.1.03(displayed as A31103)	7090
A31.1.04(displayed as A31104)	1878
A31.1.05(displayed as A31105)	E89C
A31.1.06(displayed as A31106)	38F6
A31.1.07(displayed as A31107)	4D4E
A31.1.08(displayed as A31108)	D9C0
A31.1.10(displayed as A31110)	7C8E
A31.1.11(displayed as A31111)	7BA2
A31.1.12(displayed as A31112)	1644
A31.1.13(displayed as A31113)	335C
A31.1.14(displayed as A31114)	C784
A33.1.01(displayed as A33101)	1176
A33.1.02(displayed as A33102)	D572
A33.1.03(displayed as A33103)	B5FB
A33.1.04(displayed as A33104)	01AC

Software version and checksum of the calculating /indicating device type Apollo-Astra

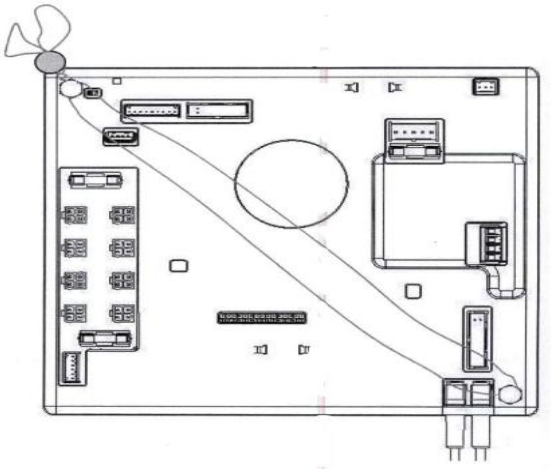
Software version	CRC Checksum
G01201	F5B5

General characteristics of the gas elimination device type GPU90

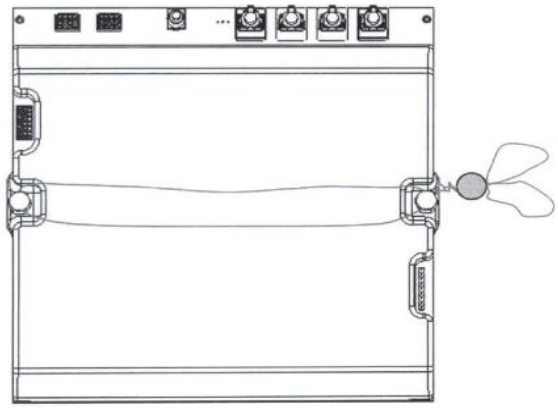
Maximum flow rate	90 L/min
Minimum pressure	1.4 bar
Maximum pressure	3.0 bar
Environmental classes	M1
Ambient temperature range	-40°C / +55°C
Product temperature range	-40°C / +50°C
Intended for the measurement of	Low viscosity mineral oils with a viscosity of 0.4 mPa.s – 8.0 mPa.s

Sealing provisions:

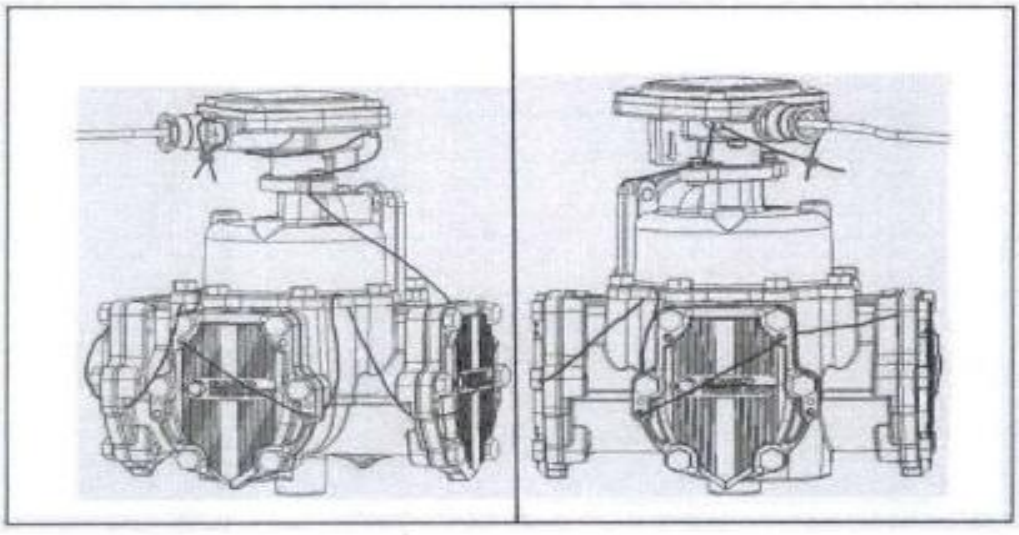
Typical GEP Core board sealing cover



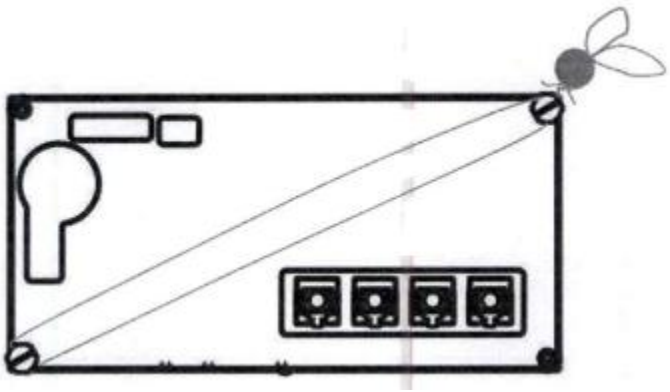
Typical GEP Secure Display sealing cover



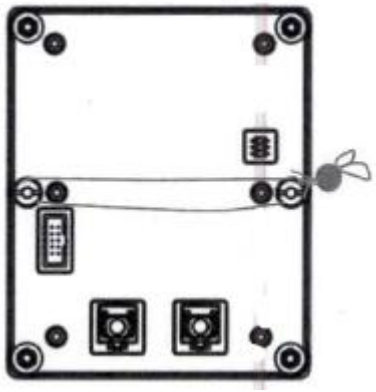
Typical GEP Astra pulser sealing



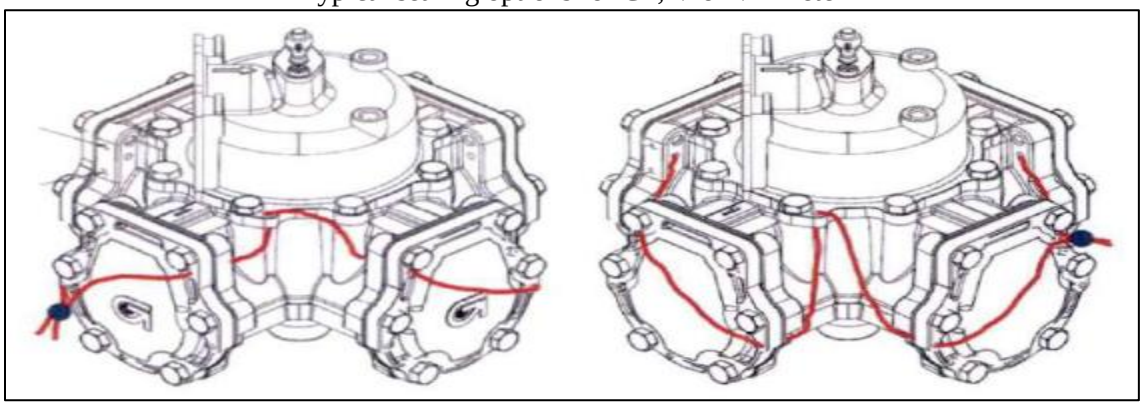
Typical GEP multimedia display sealing cover



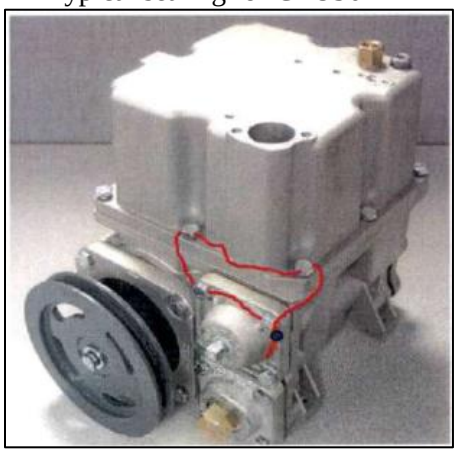
Typical GEP Keypad sealing cover



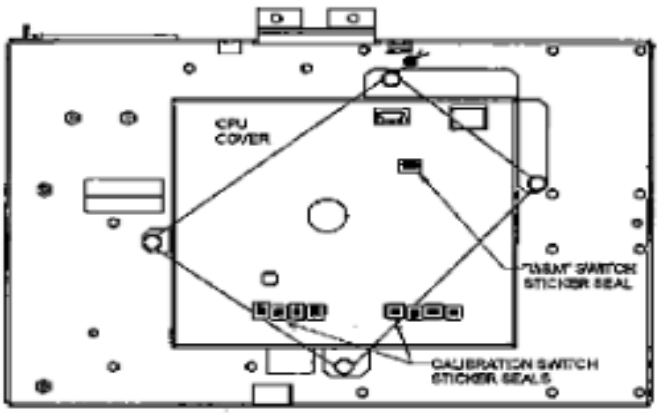
Typical sealing options for C+, V or V+ meter



Typical sealing for GPU90



Typical sealing of CPU, W&M switch & calibration switch



Typical sealing of pulsar

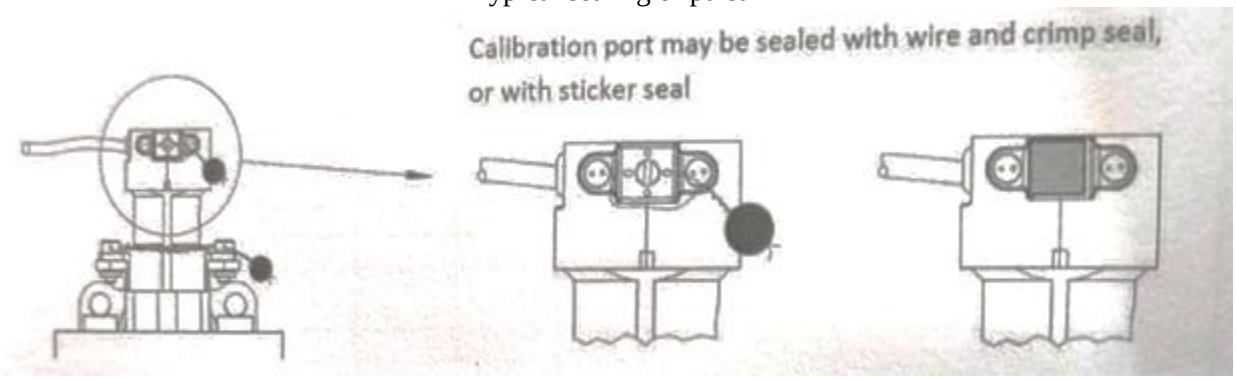


Figure- 2

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

[F.No.I-21/8/2026-W&M Section]

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