



**National
Measurement
Office
Certification**

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R117/1995-GB1-14.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Director, Product Certification**

Applicant: **Gilbarco Veeder-Root**
Address: **Crompton Close,
Basildon,
Essex,
United Kingdom**

Manufacturer: **Gilbarco Inc.**
Address: **7300 W.Friendly Ave.
Greensboro
NC 27420
USA**

Identification of the
certified pattern: **Liquids other than water dispenser, Encore family**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML R117 - Edition 1995(E) for accuracy class: 0.5

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Issue Date: 02 July 2014
Reference No: TS0901/0048

Signatory: G Stones
for Chief Executive



The conformity was established by tests described in the associated pattern OIML Evaluation Report P01307

Characteristics:

Mechanical Environment Class M2, Electromagnetic Environment Class E1

Each hydraulic circuit consists of

1. one or two meters, types V, V+, C, or C+
2. GPU90 or GPU140 pump and gas separator, except for use in pressurized (STP) systems
3. one or two delivery hose circuits.

Table 1 Prime Component Summary

Manufacturer	Type	Evaluation Certificate
Meters		
Gilbarco Veeder-Root	V, V+ meter	GB-1344
Gilbarco Veeder-Root	C, C+ meter	GB-1359
Gas Separators		
Gilbarco Veeder-Root	GPU90	GB-1348
Gilbarco Veeder-Root	GPU140	GB-1350
Electronic Calculators		
Gilbarco Veeder-Root	Sandpiper-GSO	GB-1535
Gilbarco Veeder-Root	Sandpiper	GB-1487

Up to four hydraulic circuits are housed in a single enclosure with one common calculator.

Optional features and functions:

- communications (remote automation)
- vapour recovery systems
- delivery speed selection either by pushbutton or nozzle selection
- electronic or electromechanical totalizers,
- preset, keypad, pushbutton options
- slave displays, and/or master-satellite operation
- additional displays, alternative number of display digits and display size (minimum 6 digits money and volume, 4 digits unit price, and minimum height 25mm)

Maximum Flowrate l/min	Minimum flowrate l/min	Minimum measured quantity (l)	Maximum volume indication (l)	Maximum unit price	Maximum price to pay	Liquids
40	4	2 or 5	9999999 (Floating decimal)	999999 (Floating decimal)	9999999 (Floating decimal)	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
80	4	2, 5 or 10	9999999 (Floating decimal)	999999 (Floating decimal)	9999999 (Floating decimal)	Gasoline, Gasoline with up to 86% ethanol or MTBE, Gasoline with up to 5% methanol, Diesel, Biodiesel (up to 100%)
130	8	2, 5 or 10	9999999 (Floating decimal)	999999 (Floating decimal)	9999999 (Floating decimal)	Diesel, Biodiesel (up to 100%)

Extended temperature range -40C to +55C with low temperature version of C+ meter and heater added to the calculator enclosure.

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R117/1995-GB1-14.01	02 July 2014	Certificate first issued