FEDERAL AGENCY ON TECHNICAL REGULATING AND METROLOGY

OIML Member State
The Russian Federation

OIML Certificate
R 117/1995-RU1-16.01
Revision 1 – 09.06.2016
This revision replaces the preceding one

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: VNIIMS

Address: 46, Ozernaya str, Moscow, 119361, the Russian Federation

Person responsible: Dr. S.S. Golubev

Applicant
Name: MIDCO LIMITED

Address: Metro Estate, Vidyanagari Marg, Kalina, Mumbai 400 098, India

Manufacturer of the certified pattern is the Applicant

Identification of the certified pattern: MIDCO Fuel Dispensing Units Sure-Fill/AccueFill Series Suction type and Remote type.

Further characteristics are set out on page 2 &3.

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

R 117
edition 1995
for accuracy class 0.5

R 118
edition 1995

Accuracy Class	Maximum Flow Rate (Qmax) l/min	Minimum Flow Rate (Qmin) l/min	Minimum Measured Quantity (MMQ) l	Temperature Range °C	Maximum Volume (number of digits) #	Maximum unit price (number of digits) #	Maximum Density (number of digits) # (Optional feature)	Maximum price to pay (number of digits) #	Liquids
1	2	3	4	5	6	7	8	9	10
0.5	50	2	1 or 2 or 5	-25 to +55	999999.99 or 99999.999 (Programmable)	9999.99 (Programmable)	99999.9 (Programmable)	99999999 (Programmable / Floating)	Gasoline, Diesel, Kerosene, Gasoline mixed with max 25% Ethanol, 25% MTBE & 25% Methanol, Gasoline + Oil mix (Fixed/Variable) up to 5%, Biodiesel upto100%, E-85
	80	2	1 or 2 or 5		999999.99 or 99999.999 (Programmable)	9999.99 (Programmable)	99999.9 (Programmable)	99999999 (Programmable / Floating)	
	140	>5	2 or 5 or 10		999999.99 or 99999.999 (Programmable)	9999.99 (Programmable)	99999.9 (Programmable)	99999999 (Programmable / Floating)	

- The number of display digits, display size, number of displays & Decimal Points in the displays can be changed based on customer requirement.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

OIML Certificate №
R 117/1995-RU1-16.01
Revision 1 – 27.05.2016
This revision replaces the preceding one

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.

The issuing authority

VNIIMS

Dr. A.Y. Kuzin
Director
Date: 09.06.2016

The CIML member

Dr. S.S. Golubev

Date: 09.06.2016

Fuel Dispensing Units SureFill /AccueFill Series.

Characteristics: Comprising of one or more system in every enclosure and each sub system consist of the following parts/features.

A. HYDRAULICS:

1. A MIDCO Flow meter (One each for 50 & 80 flow rate & Two for 140 flow rate)with integrated and combined optical / magnetic pulsar (open able & non open able with open-close detection)
2. A MIDCO Oil Metering Pump.
3. A MIDCO combined pump and gas eliminator other than in pressurized system.
4. Break valve, Hose, Nozzle and Flow Indicator.

B. ELECTRONICS:

1. A MIDCO calculator - Electronic Register Assembly (ERA).
2. A MIDCO Electronic customer interface (Payment Card Reader, Printer, Keypad, Combined or separate display, Electronic & OR Electro-Mechanical Totalizer, Density and Oil % readout, Push Buttons, RFID (Radio-frequency identification), Speaker, Payment Terminal, Automation, Remote Automation - Enable/Disable through OTP (Optional), Touch Screen, Preset/Non preset, IFSF (International Forecourt Standards Forum) provision, Advertisement or remote display interfacing provision, provision of temperature/ Pressure probes, Delivery speed), OTP (One Time Password) for Pulsar Validation and Process of Electronic Calibration. These interfaces may be present/ absent based on customer requirement.