



**FEDERAL AGENCY FOR TECHNICAL REGULATION
AND METROLOGY OF RUSSIA**

OIML Member State
The Russian Federation

OIML Certificate №
R 117/1995-RU1-14.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: VNIIMS
Address: 46, Ozernaya str, G-361, Moscow, 119361,
the Russian Federation

Person responsible: Dr. S.A. Kononogov

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 SureFill/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

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 conformity was established by tests described in associated test report number 401-14.01 which includes 72 pages.

The issuing authority VNIIMS
The CIML member

Prof. Dr. S.A. Kononogov
Director
Date: 25.02.2014



Fuel Dispensing Units SureFill /AccueFill Series.

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

A . HYDRAULICS :-

1. A MIDCO Flow meter (One each for 50 & 80 flow rate & Two for 140 flow rate). including Integrated / Combined Pulsar.
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 such as [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, Touch Screen, Preset, IFSF (International Forecourt Standards Forum) provision, Advertisement or remote display interfacing provision, provision of temperature/ Pressure probes, Delivery speed]. These interfaces may be present/ absent based on customer requirement.

Accuracy Class	Maximum Flow Rate (Q _{max}) l/min	Minimum Flow Rate (Q _{min}) l/min	Minimum Measured Quantity (MMQ) l	Temperature Range °C	Maximum Volume (number of digits) #	Maximum unit price (number of digits) #	Maximum price to pay (number of digits) #	Liquids
1	2	3	4	5	6	7	8	9
0.5	50	2	1 or 2 or 5	-25 to +55	999999.99 (Programmable / Floating)	9999.99 (Programmable / Floating)	999999.99 (Programmable / Floating)	Gasoline, Diesel, Kerosene, Gasoline mixed with max 25% Ethanol, 25% MTBE & 25% Methanol, Gasoline + Oil mix (Fixed/Variable) up to 5%, Biodiesel upto 100%, E-85.
	80	2	1 or 2 or 5		999999.99 (Programmable / Floating)	9999.99 (Programmable / Floating)	999999.99 (Programmable / Floating)	
	140	≥ 5	2 or 5 or 10		999999.99 (Programmable / Floating)	9999.99 (Programmable / Floating)	999999.99 (Programmable / Floating)	

The number of display digits, display size and number of 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.