



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

OIML Member State  
The Russian Federation

OIML Certificate № R 117/2007-RU1-2017.05

**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  
SureFill/AccueFill Series Suction type and  
Remote (Pressurized) 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 2007  
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.

The conformity was established by tests described in associated test report number 401-2017.05 which includes 142 pages.

**The issuing authority**

**VNIIMS**

**Dr. A.Y. Kuzin**

**Director**

**Date: 18.12.2017**



**The CIML member**

**Dr. S.S. Golubev**

A handwritten signature in blue ink, likely belonging to Dr. S.S. Golubev, is written next to the text 'The CIML member' and 'Dr. S.S. Golubev'.

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 l/min & Two for 140 l/min) with integrated and combined optical /magnetic pulsar.
2. Pulsar can be integrated and combined optical/magnetic type (open able or non-open able, with/without open-close detection and with/without potting)
3. A MIDCO Oil Metering Pump.
4. A MIDCO combined pump and gas eliminator other than in pressurized system.
5. Break valve, Hose, Nozzle and Flow Indicator.

**B. ELECTRONICS:**

1. A MIDCO calculator - Electronic Register Assembly (ERA) with/without potting on sensitive areas of intelligent card(s).
2. A MIDCO Electronic interface - Payment Card Reader, Printer, Keypad, Combined or separate display, Pump Authentication Device (PAD), 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, Optional Dynamic PIN/OTP (One Time Password) for Pulsar & Other intelligent cards. Validation and Process of Electronic Calibration. These interfaces may be present/ absent based on customer requirement.



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 upto 100%, 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.

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