



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

OIML Member State  
The Russian Federation

OIML Certificate №  
R 117/1995-RU1-06.08  
Revision 1 – 19.10.2009

**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: APLAB LTD  
Address: Plot-12, TTC Industrial Area, Digha, Airoli Post,  
Navi Mumbai – 400 708, India

**Manufacturer of the certified pattern is the Applicant**

**Identification of the certified pattern:** Fuel Dispensers SWADES I AND SWADES II SERIES

Further characteristics are set out on page 2

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 401-09.05 which includes 57 pages.

The issuing authority  
VNIIMS



Dr. S.A. Kononogov  
Director  
Date: 19.10.2009



The CIML member



Dr. L. K. Issaev  
Professor  
Date: 19.10.2009

Characteristics: APLAB LTD Fuel Dispensers SWADES I AND SWADES II SERIES comprising of one or two system in every enclosure and each sub system consist of the following.

1. Four cylinder positive displacement flow meter types EXSD-1012 or PTF 25-80.
2. Pump and gas eliminator: RTF or EXSD-1011.

These are housed in an enclosure, which also includes the other systems (one or two), given below:

1. Calculator – Electronic Register Assembly ERA: SERA Series.
2. Measuring transducer (pulsar assembly): EXSD-8001 or FBCGQ-3
3. Electronics Customer Interface(Card Reader, Printer, Keypad, Electronic/Electro-Mechanical Totaliser etc, Push Buttons, RFID, Speaker, Payment Terminal, Remote Automation, Preset). These interfaces may be present / absent based on requirement.

Accuracy Class	Maximum flowrate l/min	Minimum flowrate l/min	Minimum measured quantity l	Temperature range °C	Maximum unit price (number of digits)	Maximum price to pay (number of digits)	Liquids
1	2	3	4	5	6	7	8
0.5	40/75	4/7	1	-25 to +55	99999	9999999	Petrol, Diesel, Bio-Diesel up to 100%, Kerosene, Petrol mixed with max 15 % Ethanol, 15 % MTBE & 15% Methanol.

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.