



FEDERAL AGENCY FOR TECHNICAL REGULATION  
AND METROLOGY OF RUSSIA

OIML Member State  
The Russian Federation

OIML Certificate №  
R 117/1995-RU1-09.03

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: Larsen & Toubro (L&T)  
Petrol Dispensing Pumps & Systems  
Address: Gate No.1, "C" Building 1st Floor  
Powai works, Mumbai 400072, India

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

Identification of the certified pattern: L&T Extra Heavy Duty Pump-SPRINT 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 401-09.03 which includes 99 pages.

**The issuing authority**

VNIIMS

Dr. S.A. Kononogov  
Director  
Date: 15.10.2009



**The OIML member**

Dr. L. K. Issaev  
Professor  
Date: 15.10.2009

**Characteristics:**

Larsen & Toubro (L&T) Petrol Dispensing Pumps and Systems make Fuel Dispensing Pump "Sprint Series", Type – Extra Heavy Duty by combining two Hydraulic Systems, to get a combined output. These can be one or more in a Dispenser enclosure

Each Hydraulic System consists of the following:

1. (L&T) Flow Meter Types A or B (Mechanical/Electronic Calibration) with Gears/without Gears
2. (L&T) Pump and Gas Eliminator Type A or Type CPU (Vane/Gear), other than in pressurized systems

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

1. (L&T) Calculator – Electronic Register Assembly ERA
2. (L&T) Measuring Transducer (Pulsar Assembly) Integrated/Separate
3. Electronics Customer Interface (Card Reader, Printer, Keypad, Electronic/Electro-Mechanical Totaliser etc, Push Buttons, RFID, Speaker, Payment Terminal, Remote Automation, Touch Screen, Preset). These interfaces may be present / absent based on requirement.

| Accuracy Class | Maximum flowrate | Minimum flowrate | Minimum measured Quantity | Temperature Range | Maximum unit price (number of digits)# | Maximum price to pay (number of digits)# | Liquids   |
|----------------|------------------|------------------|---------------------------|-------------------|--|--|---|
|                | l/min            | l/min            | litres                    | °C                |  |  |   |
| 1              | 2                | 3                | 4                         | 5                 | 6                                      | 7  | 8   |
| 0.5            | 140              | 10               | 2                         | - 25 to +55       | 999999 (Floating Decimal)*             | 9999999 (Floating Decimal)*              | Diesel, Bio Diesel up to 100%, Fuel mixed with maximum 20 % Ethanol/ 20 % MTBE/ 20% Methanol. |

\* - Activation Optional, # - The number of display digits, display size and number of displays can be changed based on customer requirement.

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