



**FEDERAL AGENCY ON TECHNICAL REGULATING  
AND METROLOGY**

OIML Member State  
The Russian Federation

OIML Certificate  
R 117/1995-RU1-17.03

**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: TATSUNO INDIA PRIVATE LIMITED  
Address: B-31 & B-32 MIDC Industrial Area, Taloja  
District Raigad 410208, Maharashtra, India

**Manufacturer of the certified pattern**

Name: TATSUNO INDIA PRIVATE LIMITED  
Address: B-31 & B-32 MIDC Industrial Area, Taloja  
District Raigad 410208, Maharashtra, India

Name: TATSUNO CORPORATION Yokohama plant  
Address: 200, Iijima-cho, Sakae-ku, Yokohama  
244-8501, Japan

**Identification of the certified pattern:** Measuring System for unloading of road tankers –  
Tank Lorry Unloading System

This certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R 117**  
edition 1995  
for accuracy class 0.5

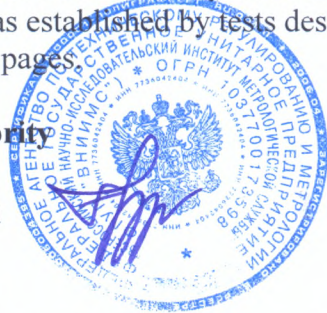


This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in associated test report number 401-17.03 which includes 37 pages.

**The issuing authority**  
**VNIIMS**  
**Dr. A.Y. Kuzin**  
**Director**  
**Date: 14.04.2017**



**The CIML member**  
**Dr. S.S. Golubev**  
**Date: 14.04.2017**

Accuracy class	Maximum flow rate (Q <sub>max</sub> ) l/min	Minimum flow rate (Q <sub>min</sub> ) l/min	Minimum measured quantity, l	Temperature range, °C	Maximum volume indication (number of digits)	Liquids
1	2	3	4	5	6	9
0.5	416	67	100	+25 ±15	6	Gasoline, Diesel, Kerosene, Gasoline mixed with maximum 25% Ethanol, 25% MTBE & 25% Methanol, Biodiesel upto 100%, E-85

The number of display digits, display size and decimal points in the display 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.

This certificate relates only to the metrological and technical characteristics of the pattern of instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Characteristics: Comprising of one or more system in every enclosure (but maximum of 3 nozzles) and each sub system consists of the following parts/features

(1) Rotary lobe flow meter:

Manufacturer: TATSUNO CORPORATION

Pattern designation: ML52M1-W1D40H

(2) Fuel Pump:

Manufacturer: MALHATY PUMP MFG. CO. LTD.

Pattern designation: 2FH-27M

(3) Measuring transducer

Manufacturer: TATSUNO CORPORATION

Pattern designation: ER-1227

(4) Electronic Counter Unit

Manufacturer: TATSUNO CORPORATION/TATSUNO INDIA PVT. LTD.

Pattern designation: ER-1326XE01

Tatsuno display indicator customer interface comprising of Printer, Electronic totaliser, Push-Buttons, Automation, Remote Automation, programming through OEM supplied remote control unit and RS 485 communication port. These interfaces may be present / absent based on customer requirement.