OIML Member State Denmark	**OIML Certificate No.** **R76/2006-A-DK2-2019.11**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: Park Allé 345, 2605 Brøndby, Denmark
Person responsible: Leif Madsen

Applicant

Name: **Moorange Electronics MFG (Shanghai) Co., Ltd.**
Address: Rm 202, Building 5, No. 59 Shennan Road,
Shanghai 201108,
China

Manufacturer **Moorange Electronics MFG (Shanghai) Co., Ltd.**

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

X2, X2SS

Designation of the module *(if applicable)*

Non-automatic electronic weighing indicator

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76-1, Edition (year): 2006

For accuracy class (if applicable**): III or IIII**

OIML Certificate No.
R76/2006-A-DK2-2019.11

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML reports:

Type examination report: No. DANAK-1915968, dated 10 December 2015, that includes 68 pages

Type evaluation report: No. 119-26561.90.60.20, dated 06 August 2019, that includes 3 pages

The technical documentation relating to the identified type is contained in documentation file:

No. T211676

OIML Certificate History

Revision No.	Date	Description of the modification
-	8 November 2019	Initial issuing

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 8 November 2019

Jens Hovgård Jensen
2019-11-08

Digitally signed by Jens Hovgård Jensen
jhje@force.dk
Certification Manager

Jens Hovgård Jensen
Certification Manager

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Characteristics

Type:	X2 or X2SS
Accuracy class:	III
Weighing range:	Single-interval, multi-interval or multi-range
Maximum number of Verification Scale Intervals:	≤ 6000 for single-interval ≤ 2×4000 for multi-interval and multi-range
Maximum tare effect:	-Max within display limits
Fractional factor:	p'i = 0.5
Minimum input voltage per VSI:	1 μV
Excitation voltage:	5 VDC
Circuit for remote sense:	Present using 6-wire connection
Minimum input impedance:	87 ohm
Maximum input impedance:	1100 ohm
Mains power supply:	100-240 VAC, 50/60 Hz using external AC to 10 VDC adapter 6 V internal rechargeable battery (optional)
Operational temperature:	-10 °C to +40 °C
Maximum 6-wire cable length between indicator and junction box:	335 m/mm^2 (equivalent to 5.7Ω

Software

The software version can be displayed by pressing the "M+" during the countdown sequence after power up.

The approved software versions 100913

Interfaces

- RS232

Devices

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Semi-automatic subtractive tare device
- Gross / Net display
- Totalization device
- Check weighing device
- Printing device
- Gravity compensation device
- Stable equilibrium, Zero, Gross, Net and active range indicators.