OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-16.24
Project number 15200025

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant	Anyload Transducer Co. Ltd. #102, 6994 Greenwood Street V5A1X8 Burnaby, BC Canada
Manufacturer	Anyload Youngzon Transducer (Hangzhou) Co. Ltd. Hangzhou Economic & Technological Development Zone No.160, South No.11 Street, 310018 Zhejiang, Hangzhou P.R. China
Identification of the certified type	A **shear beam load cell**, with strain gauges, Type : 563YHxx or 563YSxx
Characteristics	See next page

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

OIML R60 - Edition 2000 (E) for accuracy class C

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
26 July 2016

C. Oosterman
Head Certification Board

NMi Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).

OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-16.24
Project number 15200025

The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMi-11200242-01 dated 31 October 2011 that includes 53 pages;
- No. NMi-14200322-01 dated 10 September 2014 that includes 48 pages;
- No. NMi-15200025-01 dated 26 July 2016 that includes 46 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	500 kg up to and including 2500 kg		3000 kg up to and including 10000 kg	3000 kg up to and including 15000 kg
Minimum dead load	0 kg		0 kg	
Accuracy Class	C		C	
Rated Output	2,0 mV/V ± 0,2 mV/V	3,0 mV/V	3 mV/V	2,0 ± 0,2 mV/V
Maximum number of load cell intervals (n)	5000	4000	6000	
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	26000	15000	8500	
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	5500	4000	25000	
Input impedance	400 Ω ± 50 Ω			
Temperature range	- 10 °C / + 40 °C			
Fraction p_{LC}	0,7			
Humidity Class	CH			
Safe overload	150 % of E_{max}			
Output impedance	350 Ω ± 5 Ω			
Recommended excitation	10 V AC / DC			
Excitation maximum	15 V AC / DC			
Transducer material	Alloy steel or stainless steel			
Atmospheric protection	Stainless steel cover			

The characteristics for n_{max} and Y can be reduced separately.

Each produced load cell is provided with an accompanying document with information about its characteristics.

OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-16.24
Project number 15200025

The above identified Type (represented by the sample(s) identified in the OIML Test Report) have been found to comply with the additional national requirements established by the United States of America (NIST Handbook 44 and NCWM Publication 14), included in the MAA Declaration of Mutual Confidence:

- R 60 DoMC-01 rev.0, Additional requirements from the United States;
- R 60 DoMC-02 rev.0, Additional requirements from the United States.