



Member State of OIML  
Japan



OIML Certificate No.  
R60/2000-JP1-17.02

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: National Metrology Institute of Japan / National Institute of  
Advanced Industrial Science and Technology (NMIJ / AIST)  
Address: AIST Tsukuba Central 3-9, Tsukuba Ibaraki 305-8563, Japan  
Person responsible: Dr. Ryoji Chubachi, President of AIST

### Applicant

Name: SHUZUI SCALES CO., LTD.  
Address: 3-1 Fukukawa-cho, Nakagawa-ku, Nagoya-shi, Aichi-ken, Japan

### Manufacturer of the certified pattern

Name: BONGSHIN LOADCELL CO., LTD.  
Address: 46, Sagimakgol-ro 9beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do,  
KOREA

### Identification of the certified pattern:

Compression load cell  
Type: EMACB6-1T, EMACB6-2T, EMACB6-3T, EMACB6-5T  
Fraction:  $P_i=0.7$   
Temperature range:  $-10\text{ }^{\circ}\text{C} / 40\text{ }^{\circ}\text{C}$



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Characteristics:

Model designation			EMACB6-1T	EMACB6-2T	EMACB6-3T	EMACB6-5T
Accuracy class	Class	-	C			
Maximum number of load cell verification intervals	$n_{max}$	-	3000			
Humidity symbol			CH			
Minimum dead load	$E_{min}$	kg	0			
Maximum capacity	$E_{max}$	kg	1000	2000	3000	5000
Safe load limit	$E_{lim}$	kg	2000	4000	6000	10000
Minimum verification interval	$v_{min}$	kg	0.3	0.6	0.9	1.5
Apportionment factor	$p_{LC}$	-	0.7			
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	$Y$	-	3333			
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	$Z$	-	3000			
Rated output		mV/V	$1.5 \pm 0.1$			
Maximum excitation voltage		V DC	15			
Input impedance	$R_{LC}$	$\Omega$	$1110 \pm 30$			
Cable detail		-	0.3m 6wire			

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report(s) with the requirements of the following Recommendation of the International Organization of Legal Metrology - OIML):

R60, edition 2000 (E)  
For accuracy class C

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 the results of tests and examinations provided in the associated: Evaluation Report No. 29-003 (Test report No.17-02 / R60:2000 that includes 19 pages.)



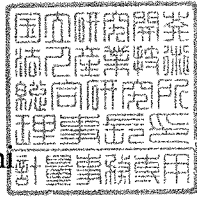
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The Issuing Authority  
NMIJ/AIST

The OIML member

Dr. Ryoji Chubachi  
President of AIST  
2017-09-26



Dr. Y. Miki  
2017-09-26

Important note: Apart from the mention of 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 test report is not permitted, though they may be reproduced in full.