Member State of OIML
Japan

National Institute of
Advanced Industrial Science
and Technology
AIST

OIML Certificate No.
R60/2000-JP1-10.20
Revision 1

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. Tamotsu Nomakuchi, President of AIST

Applicant

Name:	YAMATO SCALE CO., LTD.
Address:	5-22, Saenba-cho, Akashi, Hyogo, 673-8688, Japan

Manufacturer of the certified pattern

Name:	YAMATO SCALE CO., LTD.
Address:	5-22, Saenba-cho, Akashi, Hyogo, 673-8688, Japan

Identification of the certified pattern:

Compression load cell

Type:	CC2-10T, CC2-20T, CC2-30T, CC2-50T, RCC2-10T, RCC2-20T, RCC2-30T, RCC2-50T, KCC2-10T, KCC2-20T, KCC2-30T, KCC2-50T CC21-12T, CC21-24T, CC21-36T, RCC21-12T, RCC21-24T, RCC21-36T, KCC21-12T, KCC21-24T, KCC21-36T
Fraction:	Pi=0.7
Temperature range	-10 ℃ / 40 ℃

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Characteristics:

Model designation			CC2-xxT, RCC2-xxT, KCC2-xxT, where xx equivalent to the E_{max}/1000	CC21-xxT, RCC21-xxT, KCC21-xxT, where xx equivalent to the E_{max}/1000
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	10000, 20000, 30000, 50000	12000, 24000, 36000
Safe load limit	E_{lim}	kg	1.5*E_{max}	
Minimum verification interval	v_{min}	kg	E_{max}/10000	
Apportionment factor	p_{LC}		0.7	
Ratio of minimum LC Verification interval Y=Emax / $v$min	Y	-	10000	
Ratio of minimum dead load output return Z=Emax/(2*DR)	Z	-	3000	
Rated output		mV/V	1.5	1.8
Excitation voltage		V DC	4 ~ 15	
Input impedance	R_{LC}	Ω	350 ± 5	
Cable length (maximum)		m	20	

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 tests described in the associated test report no. 10-25/R60:2000 and no. 10-29/R60:2000, that are consisted of 19 pages and 18 pages respectively.

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The Issuing Authority
NMIJ/AIST

Dr. T. Nomakuchi
President of AIST
2011-01-17

The CIML member

Dr. Y. Miki

2011-01-17

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 or the associated test report is not permitted, though they may be reproduced in full.