



Member State of OIML
Japan



OIML Certificate No.
R60/2000-JP1-10.12
Revision 2

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: KUBOTA Corporation
Address: 1-2-47, Shikitsu-higashi, Naniwa-ku, Osaka, 556-8601, Japan

Manufacturer of the certified pattern

Name: KUBOTA Corporation
Address: 1-2-47, Shikitsu-higashi, Naniwa-ku, Osaka, 556-8601, Japan

Identification of the certified pattern:

Beam (shear) load cell

Type: CC1-H-10T, CC1-H-20T, CC1-H-25T, CC1-H-30T, CC1-H-40T,
CC1-H-50T, CC1-H-10T-IS, CC1-H-20T-IS, CC1-H-25T-IS,
CC1-H-30T-IS, CC1-H-40T-IS, CC1-H-50T-IS, CC2-10T,
CC2-20T, CC2-25T

Fraction: $\pi=0.8$

Temperature range: $-10\text{ }^{\circ}\text{C} / 40\text{ }^{\circ}\text{C}$



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Characteristics:

Model designation			CC1-H-xxT, where xx equal to the E_{max}	CC1-H-xxT-IS, where xx equal to the E_{max}	CC2-xxT where xx equal to the E_{max}
Accuracy class	Class	-	C		C
Maximum number of load cell verification intervals	n_{max}	-	6000 5000 4000 3000		4000 3000
Humidity symbol			CH		CH
Minimum dead load	E_{min}	kg	0		0
Maximum capacity	E_{max}	t	10, 20, 25, 30, 40, 50		10, 20, 25
Safe load limit	E_{lim}	t	$1.5 * E_{max}$		$1.5 * E_{max}$
Minimum verification interval	v_{min}	kg	$1000 * E_{max} / 15000$ $1000 * E_{max} / 12500$ $1000 * E_{max} / 10000$ $1000 * E_{max} / 8000$		$1000 * E_{max} / 10000$ $1000 * E_{max} / 8000$
Apportionment factor	p_{LC}		0.8		0.8
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	Y	-	15000 12500 10000 8000		10000 8000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	Z	-	6000 in the case of $n_{max} = 6000$		4000 in the case of $n_{max} = 4000$
Excitation voltage		V DC	6 ~ 8		6 ~ 8
Cable length (maximum)		m	20		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. 12-13/R60:2000, that includes 19 pages.



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The Issuing Authority
NMIJ/AIST



Dr. T. Nomakuchi
President of AIST
2012-10-17

The OIML member

Dr. Y. Miki
2012-10-17

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