Member State of OIML
Japan

National Institute of
Advanced Industrial Science
and Technology
AIST

OIML Certificate No
R60/2000-JP1-10.11

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:	LB-XD-150L-EXM, LB-XD-300L-EXM, LB-XD-600L-EXM, LB-XD-1T-EXM, LB-XD-1.5T-EXM, LB-XD-2T-EXM, LB-XD-2.5T-EXM, LB-XD-4T-EXM, LB-XD-5T-EXM
Fraction:	Pi=0.8
Temperature range	-10 ℃ / 40 ℃

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Characteristics:

Model designation			LB-XD-xxL-EXM, where xx equal to the E_{max}	LB-XD-xxT-EXM, where xx equivalent to the E_{max}/1000
Accuracy class	Class	-	C	
Maximum number of load cell verification intervals	n_{max}	-	6000 5000 4000 3000	
Humidity symbol			CH	
Minimum dead load	E_{min}	kg	0	
Maximum capacity	E_{max}	kg	150, 300, 600	1000, 1500, 2000, 2500,4000, 5000
Safe load limit	E_{lim}	kg	1.5*E_{max}	
Minimum verification interval	v_{min}	kg	E_{max}/15000 E_{max}/12500 E_{max}/10000 E_{max}/8000	
Apportionment factor	p_{LC}		0.8	
Ratio of minimum LC Verification interval Y=Emax / $v$min	Y	-	15000 12500 10000 8000	
Ratio of minimum dead load output return Z=Emax/(2*DR)	Z	-	6000	
Excitation voltage		V DC	6 ~ 8	
Cable length (maximum)		m	3	9

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. 10-13/R60:2000, that includes 47 pages.

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The Issuing Authority
NMIJ/AIST

Dr. T. Nomakuchi
President of AIST
2010-07-15

The CIML member

Dr. Y. Miki

2010-07-15

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