



Member State of OIML  
Japan



OIML Certificate No.  
R60/2000-JP1-12.03

## 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-1T-HCS , LB-XD-3T-HCS , LB-XD-5T-HCS  
Fraction:  $P_i=0.8$   
Temperature range:  $-10\text{ }^\circ\text{C} / 40\text{ }^\circ\text{C}$



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Characteristics:

Model designation			LB-XD-1T-HCS	LB-XD-3T-HCS	LB-XD-5T-HCS
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	3000	5000
Safe load limit	$E_{lim}$	kg	1.5* $E_{max}$		
Minimum verification interval	$v_{min}$	kg	$E_{max} / 8000$		
Apportionment factor	$p_{LC}$		0.8		
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	$Y$	-	8000		
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	$Z$	-	3000		
excitation voltage		V DC	6~8		
Cable detail		-	15m(maximum)		

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. 12-08/R60:2000, that includes 33 pages.



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The Issuing Authority  
NMIJ/AIST



Dr. T. Nomakuchi  
President of AIST  
2012-04-23

The OIML member

Dr. Y. Miki  
2012-04-23

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