



Member State of OIML  
Japan



OIML Certificate No.  
R60/2000-JP1-11.04

## 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: A&D Company, Limited  
Address: 3-23-14, Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013, Japan

### Manufacturer of the certified pattern

Name: A&D Company, Limited  
Address: 3-23-14, Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013, Japan

### Identification of the certified pattern:

Beam(bending) load cell  
Type: LCB06K300E, LCB06K600E  
Fraction:  $\pi=0.7$   
Temperature range:  $-10\text{ }^{\circ}\text{C} / 40\text{ }^{\circ}\text{C}$



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Characteristics:

Model designation			LCB06K300E	LCB06K600E
Accuracy class	Class	-	C	
Maximum number of load cell verification intervals	$n_{max}$	-	4000 3000	
Humidity symbol			CH	
Minimum dead load	$E_{min}$	kg	0	
Maximum capacity	$E_{max}$	kg	400	800
Safe load limit	$E_{lim}$	kg	600	1200
Minimum verification interval	$v_{min}$	kg	$E_{max}/7000$	
Apportionment factor	$p_{LC}$		0.7	
Ratio of minimum LC Verification interval $Y=E_{max} / v_{min}$	$Y$	-	7000	
Ratio of minimum dead load output return $Z=E_{max}/(2*DR)$	$Z$	-	4000	in the case of $n_{max}=4000$
Rated output		mV/V	0.72	
Maximum excitation voltage		V AC/DC	15	
Input impedance	$R_{LC}$	$\Omega$	410	
Cable length (maximum)		m	6	
Cable details			6 conductor shielded Red : Excitation + Orange : Remote Sensing + White : Excitation - Black : Remote Sensing -	Green : Signal + Blue : Signal - Yellow : Shield

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. 11-04/R60:2000, that includes 19 pages.



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The Issuing Authority  
NMIJ/AIST



Dr. T. Nomakuchi  
President of AIST  
2011-04-01

The OIML member

Dr. Y. Miki  
2011-04-01

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