





OIML Certificate No. R60/2000-JP1-11.05 Revision 1

Member State of OIML Japan

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 (shear) load cell

Type:

LCM19K500, LCM19T001, LCM19T1.5, LCM19T002

Fraction:

Pi=0.7

Temperature range

-10 ℃ / 40 ℃







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Characteristics:

Model designation			LCM19K500	LCM19T001	LCM19T1.5	LCM19T002
Accuracy class	Class	_ =	C			
Maximum number of load cell verification intervals	n _{max}	-	6000 4000 3000			
Humidity symbol			СН			
Minimum dead load	$E_{ m min}$	kg	0			
Maximum capacity	$E_{ m max}$	kg	500	1000	1500	2000
Safe load limit	$E_{ m lim}$	kg	$1.5*E_{\max}$			
Minimum verification interval	$v_{ m min}$	kg	$E_{ m max}$ /10000			
Apportionment factor	$p_{ m LC}$		0.7			
Ratio of minimum LC Verification interval Y=Emax / vmin	Y		10000			
Ratio of minimum dead load output return $Z=E\max/(2*DR)$	Z	-	6000 in the case of n_{max} =6000			
Rated output		mV/V	2			
Maximum excitation voltage		V AC/DC	15			
Input impedance	$R_{ m LC}$	Ω	380			
Cable detail		-	3m 4wire			

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)

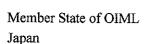
For accuracy class C

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. 12-09/R60:2000, that includes 19 pages.









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The Issuing Authority NMIJ/AIST

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President of AIST 2012-05-21

The CIML member

Dr. Y. Miki

2012-05-21

Important note: Apart from the mention of certificate's reference number and the name of the OIML Member State in which the certificate is issued, partial quotation of the certificate and of the associated Test Report is not permitted, although either may be reproduced in full.