





OIML Certificate No R60/2000-JP1-10.10

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:

JFE Advantech Co., Ltd.

Address:

3-48 Takahata-cho, Nishinomiya, Hyogo 663-8202, Japan

Manufacturer of the certified pattern

Name:

JFE Advantech Co., Ltd.

Address:

3-48 Takahata-cho, Nishinomiya, Hyogo 663-8202, Japan

Identification of the certified pattern:

Compression load cell

Type:

ZR-5, ZR-10, ZR-20, ZR-20-KE, ZR-30, ZR-30-KE

Fraction:

Pi=0.7

Temperature range

-10 °C / 40 °C







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Characteristics:

Model designation			ZR-5	ZR-10	ZR-20	ZR-20-KE	ZR-30	ZR-30-KE
Accuracy class	Class	_	C					
Maximum number of load cell verification intervals	$n_{ m max}$	-	3000	3000	4000	4000	4000	4000
Humidity symbol			СН					
Minimum dead load	$E_{ m min}$	kg	0					
Maximum capacity	E_{max}	kg	5000	10000	20000	20000	30000	30000
Safe load limit	E_{lim}	kg	7500	15000	30000	30000	45000	45000
Minimum verification interval	$v_{ m min}$	kg	0.67	1.33	2	2	3	3
Apportionment factor	$p_{ m LC}$		0.7					
Ratio of minimum LC Verification interval Y=Emax / vmin	Y	-	7500	7500	10000	10000	10000	10000
Ratio of minimum dead load output return $Z=E\max/(2*DR)$	Z	-	3000	3000	4000	4000	4000	4000
Rated output		mV/V	1.5					
Excitation voltage		V DC	5 ~ 15					
Input impedance	R_{LC}	Ω	400					
Cable length		m	.9	9	9	9	11	11

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. 10-12/R60:2000, that includes 33 pages.







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The Issuing Authority NMIJ/AIST

Dr. T. Nomakuchilli President of AIST 2010-06-24 The CIML member

Dr. Y. Miki

2010-06-24

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