



Member State of OIML
Japan



OIML Certificate No
R60/2000-JP1-10.05

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: 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:

Load cells

Type : CC1-1-20T, CC1-1-25T, CC1-1-30T, CC1-1-40T, CC1-1-50T, CC1-1-60T, CC1-1-100T,
KDC-20T-V, KDC-25T-V, KDC-30T-V, KDC-40T-V, KDC-50T-V, KDC-60T-V,
KDC-100T-V

Fraction : $\Pi=0.8$

Temperature range -10 °C / 40 °C



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Characteristics:

| LOADCELL | | | CC1-1-20T/ KDC-20T-V | CC1-1-25T/ KDC-25T-V | CC1-1-30T/ KDC-30T-V | CC1-1-40T/ KDC-40T-V | CC1-1-50T/ KDC-50T-V | CC1-1-60T/ KDC-60T-V | CC1-1-100T/ KDC-100T-V |
|--|-----------|----|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|
| Maximum capacity | E_{max} | kg | 20000 | 25000 | 30000 | 40000 | 50000 | 60000 | 100000 |
| Classification symbol | Class | - | C5CH C4CH C3CH | | | | | | |
| Maximum number of load cell verification intervals | n_{max} | - | 5000 4000 3000 | | | | | | |
| Minimum verification interval | v_{min} | kg | 1.6 2 2.5 | 2 2.5 3.125 | 2.4 3 3.75 | 3.2 4 5 | 4 5 6.25 | 4.8 6 7.5 | 8 10 12.5 |
| Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$ | Y | - | 12500 10000 8000 | | | | | | |
| Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$ | Z | - | 5000 | | | | | | |

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. R60/2000-JP1-10.05, that includes 34 pages.



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The Issuing Authority
NMIJ/AIST

The OIML member

Dr. T Nomakuchi
President of AIST
2010-04-12




Dr. Y. Miki
2010-04-12

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