



# OIML Certificate of Conformity

**OIML Member State**  
The Netherlands

Number R60/2000-NL1-12.15  
Project number 12200100  
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant	Zhonghang Electronic Measuring Instruments Co., Ltd.(ZEMIC) XinYuan Rd. North Zone of EDZ, Hanzhong, 723000 Shaanxi, China
Manufacturer	Zhonghang Electronic Measuring Instruments Co., Ltd.(ZEMIC) XinYuan Rd. North Zone of EDZ, Hanzhong, 723000 Shaanxi, China
Identification of the certified type	A shear beam <b>load cell</b> Type : BM8H-Cx-xx-xx-xx Series
Characteristics	See next page

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**OIML R60** - Edition 2000 (E) for accuracy class C

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**  
25 April 2012

C. Oosterman  
Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see [www.nmi.nl](http://www.nmi.nl)).



The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-12200100-05 dated 25 April 2012 that includes 52 pages.

**Characteristics of the load cell:**

Type		BM8H-Cx-xx-xx-xx Series
Load cell construction		Shear beam
Humidity classification		CH
Fraction $p_{ic}$		0,7
Temperature range		-10 °C / +40 °C
Maximum capacity	$E_{max}$	2000 kg up to and including 5000 kg
Accuracy class		C
Maximum number of load cell verification intervals	$n_{max}$	3000
Ratio of minimum LC verification interval	$Y = E_{max} / v_{min}$	15000
Ratio of minimum dead load output return	$Z = E_{max} / 2 * DR$	3000