OIML Certificate of Conformity

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant	Tedea-Huntleigh or Vishay Precision 2 Haofan St., Holon, Israel
Manufacturer	Tedea-Huntleigh or Vishay Precision 2 Haofan St., Holon, Israel
Identification of the certified type	A bending beam **Load Cell** Type : 1242
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 July 2011

C. Oosterman
Head Certification Board

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

- No. R60/1991-NL-00.05 dated 15 April 1999 that includes 38 pages;
- No. NMi-11200201-01 dated 13 April 2011 that includes 29 pages;
- No. NMi-11200525-01 dated 25 July 2011 that includes 19 pages.

Characteristics of the Load Cell:

Type		1242					
Fraction P_i		0,7					
Maximum capacity	E_{max}	50 kg up to and including 250 kg					
Humidity Class		CH					
Temperature range		-10 °C / +40 °C					
Accuracy Class		C					
Maximum number of load cell verification intervals	n_{max}	1000	2000	3000	4000	5000	6000
Ratio of minimum LC verification interval	$Y = E_{max} / v_{min}$	20000					
Ratio of minimum dead load output return	$Z = E_{max} / 2*DR$	15000					

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Type	1242					
Fraction P_i	0,7					
Maximum capacity E_{max}	300 up to and including 500 kg					
Humidity Class	CH					
Temperature range	-10 °C / +40 °C					
Accuracy Class	C					
Maximum number of load cell verification intervals n_{max}	1000	2000	3000	4000	5000	6000
Ratio of minimum LC verification interval $Y = E_{max} / v_{min}$	12400					
Ratio of minimum dead load output return $Z = E_{max} /2*DR$	8400					

The characteristics for n_{max} and Y and Z can be reduced separately.

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