



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Load Cell

Bending Beam

Model: 202UA

 $n_{\max}$ : 3000 Single Cell or Multiple Cell Applications $v_{\min}$ : See table in the Standard Features and Options section

Capacity: See table in the Standard Features and Options section

Accuracy Class: III

**Submitted By:**

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Email: [martin.gui@anyload.com](mailto:martin.gui@anyload.com)Website: [www.anyload.com](http://www.anyload.com)**Standard Features and Options**

- Nominal Output: 0.8-1.2 mV/V
- Aluminum Construction Material
- 4 wire design
- Minimum Dead Load: 0 kg

Model	Capacity	$v_{\min}$ Single Cell Applications	$v_{\min}$ Multiple Cell Applications	Minimum Dead Load	Maximum Number of Intervals ( $n_{\max}$ )
202UA	30 kg	0.0011 kg	0.0011 kg	0	3000
202UA	37.5 kg	0.0013 kg	0.0013 kg	0	3000
202UA	75 kg	0.003 kg	0.003 kg	0	3000
202UA	150 kg	0.0053 kg	0.0053 kg	0	3000
202UA	375 kg	0.0134 kg	0.0134 kg	0	3000

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of *Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices*. Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages. \*Editorial changes, not affecting the type or metrological content, corrected this certificate.

Marc Paquette  
Chair, NCWM, Inc.

Gene Robertson  
Chair, NTEP Committee  
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**Anyload LLC**  
Load Cell / 202UA

**Application:** The load cell may be used in Class III scales for single cell or multiple load cell applications consistent with the model designations, number of scale divisions, and parameters specified in this certificate. Load cells of a given accuracy class may be used in applications with lower accuracy class requirements provided the number of scale divisions, the  $v_{\min}$  value, and the temperature range are suitable for the application. The manufacturer may market the load cell with fewer divisions ( $n_{\max}$ ) and with a larger  $v_{\min}$  value than those listed on the certificate. However, the load cells must be marked with the appropriate  $n_{\max}$  and  $v_{\min}$  for which the load cell may be used.

**Identification:** A pressure sensitive identification label located on the load cell states the manufacturer's name, model, serial number, rated capacity, and accuracy class. Other pertinent information will be specified on the Calibration Certificate accompanying the load cell.

**Test Conditions:** This Certificate supersedes Certificate of Conformance 25-034 and is issued to add additional capacities per NTEP technical policy to the model 202UA. Previous test conditions are listed below for reference.

**Certificate of Conformance 25-034:** The purpose of this Certificate of Conformance is to cover the 202UA load cell. A 75 kg capacity load cell was tested by the NMi Certin B.V. at The Netherlands facility. Testing was conducted in accordance with the OIML-CS, utilizing participants for load cell testing signed by the NCWM. Testing was conducted using deadweights as the reference standard. The load cell was tested over a temperature range of -10 °C to 40 °C with tests run at each temperature. The temperature effect on zero was measured and a time dependence (creep) test was performed. The barometric pressure test to determine sensitivity of the load cell design to changes in barometric pressure was conducted. The data were analyzed for multiple load cell applications. OIML R60 selection criteria were used to determine the cells tested.

**Evaluated By:** L.M. Wiggerts, I. Hristov (NMi) 25-034 (CN 11399); J. Gibson (NCWM) 25-034A1

**Type Evaluation Criteria Used:** *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2025 Edition. *NCWM Publication 14: Weighing Devices*, 2025 Edition.

**Conclusion:** The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Information Reviewed By:** J. Gibson (NCWM) 25-034, 25-034A1

**Example of Device:**

