



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Indicating Element  
Digital Electronic  
Model: PUE C/31, PUE C/31 S, PUE C/31 H  
 $n_{max}$ : 6000  
Accuracy Class: III/IIIL

**Submitted By:**

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### Standard Features and Options

**Standard Features:**

"S" Suffix Designates Steel Enclosure  
"H" Suffix Designates Stainless Steel Enclosure

- Initial Zero Setting Mechanism (IZSM)
- Automatic Zero Setting Mechanism (AZSM)
- Semi-automatic (push-button) Tare
- Semi-automatic Zero Setting Mechanism (push-button)
- Pound/kilogram Conversion
- AC Power Supply
- Battery Power Supply (auto-shut-off, sleep mode capability)
- Operator and Customer (remote) LCD Display
- Gross/Net Weight Display
- RS-232 Communication Port

**Options:**

- AC/DC Adapter
- Multiple Scale Input Capability

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST 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.

Randy Jennings  
Chairman, NCWM, Inc.

Judith Carden  
Chairman, National Type Evaluation Program Committee  
Issued: January 14, 2010

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## RADWAG Wagi Elektroniczne Witold Lewandowski

Indicating Element / PUE C/31, PUE C/31 S, PUE C/31 H

**Application:** General purpose indicating element for use with a compatible and certified weighing element.

**Identification:** The identification badge is located on the rear of the weight display housing and can be viewed by rotating the indicator on its desktop stand or wall-mounted bracket.

**Sealing:** The default configuration and calibration parameters can be accessed by opening the enclosures of the device, pressing the S1 button on the motherboard, and powering on the device. After powering down the device, it enters the "legal for trade" mode and keyboard access to calibration functions is denied. The device is then closed and an adhesive tamper evident security seal is placed on the joint between the front and rear enclosure on both sides of the housing to prevent access to the calibration switch.

**Test Conditions:** This Certificate supersedes Certificate of Conformance 07-043 and is issued to recognize the name change from Zakland Mechaniki Precyzy Jneg. Radwag to RADWAG Wagi Elektroniczne Witold Lewandowski. The contact person and contact information was also updated. No testing was deemed necessary. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 07-043:** The Model PUE C/31 H indicating element was submitted for evaluation. The emphasis of the evaluation was on device design, operation, marking requirements, and print format. The indicator was interfaced to a load cell simulator and tested for accuracy over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Several increasing/decreasing load tests were performed and supply voltages of 100 VAC to 130 VAC and 5.5VDC to 6.6 VDC. Additionally, the indicator was interfaced to a weighing element and a printer for zero, zone of uncertainty, discrimination, motion detection, and printing tests.

**Evaluated By:** Sam Boyd (CA) 07-043

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2007. NCWM, Publication 14: Weighing Devices, 2007.

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

**Information Reviewed By:** S. Patoray, L. Bernetich (NCWM) 07-043; J. Truex (NCWM) 07-043A1

### Example of Device:



Model PUE C/3 H (Primary Display)

Secondary Remote Display