



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/Load Receiving Element
Platform, Load Cell Electronic
Model: WPT Series (see table on page 2)
 n_{\max} : 5 000
 e_{\min} : 0.002 lb / 0.001 kg
Capacity: (see table on page 2)
Accuracy Class: III

Submitted By:

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Standard Features and Options

Standard Features:

- Stainless Steel Platform
- Support Material: Painted Steel or Stainless Steel
- Level Indication Under the Platter
- Load Cell Material: Aluminum or Stainless Steel

Load Cells:

- Vishay (Models 1022 and 1260) (NTEP CC 96-064 and 96-122A1)
- Flintec (Model PCB Series) (NTEP CC 01-045)

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.

Judy Cardin
Chairman, National Type Evaluation Program Committee
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Weighing/Load Receiving Element / WPT Series

Model	Capacity (lb)	e_{\min} (lb)	Capacity (kg)	e_{\min} (kg)	Platform (cm)
WPT 10*	10	0.002	5	0.001	30 x 25
WPT 25/3	25	0.005	10	0.002	30 x 25
WPT 25/4	25	0.005	10	0.002	41 x 41
WPT 50/4	50	0.01	25	0.005	41 x 41
WPT 100/4	100	0.02	50	0.01	41 x 41
WPT 100/5	100	0.02	50	0.01	50 x 50
WPT 250/18	250	0.05	100	0.02	46 x 46
WPT 250/4	250	0.05	100	0.02	41 x 41
WPT 250/5*	250	0.05	100	0.02	50 x 50
WPT 500/18	500	0.1	250	0.05	46 x 46
WPT 500/6	500	0.1	250	0.05	60 x 60
WPT 1000/6*	1000	0.2	500	0.1	60 x 60
WPT-C25	25	0.005	10	0.002	29 x 36
WPT-C50	50	0.01	25	0.005	29 x 36
WPT-C100	100	0.02	50	0.01	29 x 36
WPT-C100/4	100	0.02	50	0.01	40 x 50
WPT-C250	250	0.05	100	0.02	40 x 50
WPT-C500	500	0.1	250	0.05	40 x 50
WPT-C500/5	500	0.1	250	0.05	50 x 70

* Devices Submitted for Evaluation

Application: General purpose weighing/load receiving element when interfaced with a certified and compatible indicating element.

Identification: The identification badge is located at the right side of the platform.

Sealing: The weighing/load receiving element has no sealable parameters that require the use of a security seal. The complete weighing system can be calibrated and sealed at the indicating element with the sealing method described in the Certificate of Conformance for the indicator used.

Test Conditions: This Certificate supersedes Certificate of Conformance 07-067 and is issued to recognize the name change from Zakland Mechaniki Precyzyjnej, 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 07-067: The Models WPT-10, WPT-250/5, and WPT-1000/6 weighing elements were submitted for evaluation. Each device was attached to a PUE Series digital weight indicator Model PUE C/31 (NTEP CC 07-043). The emphasis of the evaluation was on the weighing elements performance and operation. Each weighing element was tested to capacity using known test weights. Several increasing/ decreasing load, off-center, discrimination, and return to zero tests were conducted. Each device was also tested for influence factor requirements at -10 °C to 40 °C. Additionally, a load of approximately one-half capacity was applied to the weighing element over 100 000 times with increasing/decreasing load and shift tests conducted periodically during this time.

Evaluated By: S. Boyd (CA) 07-067

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) 07-067; J. Truex (NCWM) 07-067A1



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Weighing/Load Receiving Element / WPT Series

Examples of Device:



Model WPT 250/5

Model WPT 1000/6

Model WPT 10

