



NATIONAL TYPE EVALUATION PROGRAM

*Certificate of Conformance*  
*for Weighing and Measuring Devices*

**For:**

Weighing/Load Receiving Element  
Bench/Counter/Platform  
Model: PB4252  
 $n_{max}$ : 5000  
 $e_{min}$ : 0.01 lb (See Below)  
Capacity: 50 to 1250 lb (See Below)  
Platform: 320 x 360 mm to 800 x 800 mm  
Accuracy Class: III

**Submitted By:**

Tscale Electronics Mfg. (Kunshan) Co. Ltd.  
No. 99 Shunchang Road, Zhoushi,  
Kunshan, Jiangsu, China  
Tel: 86-512-57669080-534  
Fax: 86-512-57669508  
Contact: Alice Liu  
Email: [scales\\_1@taiwanscale.com](mailto:scales_1@taiwanscale.com)  
Web site: [www.taiwanscale.com](http://www.taiwanscale.com)

**Standard Features and Options**

Platform Size	Capacity (lb)	$e_{min}$	$n_{max}$
320 x 360 mm	50 /100/200	0.01/0.02/0.05 lb	5000
350 x 450mm	50 /100/200	0.01/0.02/0.05 lb	5000
400 x 400 mm	50 /100/200	0.01/0.02/0.05 lb	5000
400 x 500 mm	100/200/500	0.02/0.05/0.1 lb	5000
420 x 520 mm	100/200/500	0.02/0.05/0.1 lb	5000
600 x 600 mm	100/200/500/1000/1250	0.02/0.05/0.1/0.2/0.5 lb	5000
600 x 800 mm	500/1000/1250	0.1/0.2/0.5 lb	5000
800 x 800 mm	500/1000/1250	0.1/0.2/0.5 lb	5000

**Platform Material:**

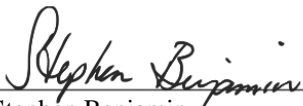
- Mild Steel, Stainless Steel, Aluminum


**Load Cell Used:**

Models BT T2A non-NTEP, BT T4A non-NTEP, and BT T6B non-NTEP

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.

  
Stephen Benjamin  
Chairman, NCWM, Inc.

  
Kurt Floren  
Chairman, National Type Evaluation Program Committee  
Issued: August 9, 2012

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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## Tscale Electronics Mfg. (Kunshan) Co., Ltd

Weighing/Load receiving Element / PB4252

**Application:** : For general purpose weighing applications when interfaced with an certified and compatible indicating element.

**Identification:** The G.S.1 information can be found on a self destructive label on the load receiving element under the platform.

**Sealing:** This device has no physical means that require sealing. Calibrations are performed through the indicator. Seal the indicator as required in its NTEP Certificate of Conformance.

**Test Conditions:** This certificate supersedes Certificate of Conformance Number 12-077 and is issued to correct the capacities and platform sizes listed in the table on Page 1. No additional testing was necessary. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 12-077:** The emphasis of this evaluation was on device design, performance, and compliance with influence factor requirements. Three PB4252's were submitted to the laboratory, 400 x 400 mm (50 x 0.01 lb) 600 x 600 mm (500 x 0.01 lb) 800 x 800 mm (1000 x 0.02 lb), Several increasing/decreasing and shift tests were performed. The devices were tested over a temperature range of -10°C to 40°C (14°F to 104°F). A load of approximately one-half capacity was applied over 100 000 times. The scales were tested periodically during this time.

**Evaluated By:** E. A. Payne, Jr (MD) 12-077

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2012. NCWM, Publication 14: Weighing Devices, 2012.

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

**Information Reviewed By:** J. Truex (NCWM) 12-077, 12-077A1

**Example of Device:**

