



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/ Load Receiving Element
Platform, Load Cell
Model: TNx-yyyy-zzzlb, TNx-yyyy-zzzkg Series
 n_{\max} : 5 000
 e_{\min} : See Standard Features and Options
Capacity: 50lb to 250lb, 25kg to 100kg
Platter Size: 12in x 12in, or 30cm x 30cm
Accuracy Class: III

Submitted By:

Anyload LLC
12-16 Littell Road, Unit 8B/8C
East Hanover, NJ 07936
Tel: 855-269-5623
Contact: Martin Gui
Email: martin.gui@anyload.com
Website: www.anyload.com

Standard Features and Options

Capacity	50lb	100 lb	250 lb	25 kg	50 kg	100 kg
e_{\min}	0.01 lb	0.02 lb	0.05lb	0.005 kg	0.01 kg	0.02 kg
n_{\max}	5000	5000	5000	5000	5000	5000

Model Designation: x-yyyy-zzzlb, x-yyyy-zzzkg

- x- Material (S- Stainless Steel)
- yyyy- Platter Size
- zzz- Capacity
- kg or lb- Units

Load Cells Used: Anyload 108TA Series (NTEP Certificate of Conformance No. 12-036A2) or NTEP Certified and meteorological compatible load cell.

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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9011 South 83rd Street | Lincoln, Nebraska 68516

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Anyload LLC

Weighing/ Load Receiving Element / TNx-yyyy-zzzlb Series

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

Identification: An identification plate is riveted to the side of the device.

Sealing: There are no sealing parameters for the weighing/load receiving element. The unit is sealed at the indicator according to the manufacturer's instructions for the indicator used.

Test Conditions: The emphasis of the evaluation was on device design, operation, performance, marking requirements, and compliance with influence factor requirements. Two Anyload LLC Models TNS1212-50lb x 0.01 lb and TNS1212-250lb x 0.05 lb were submitted for evaluation. The weighing/load receiving elements were interfaced with Anyload LLC Model: 815BS (NTEP CC 22-116) indicating elements. Several increasing/decreasing, eccentricity, repeatability, level indication, and discrimination tests were performed. Influence factor tests were conducted over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Additionally, a load of one-half capacity was placed on each device more than 100 000 times. At the conclusion of permanence testing, the increase/decrease, eccentricity, and discrimination tests were repeated. The device was tested for accuracy and functionality.

Evaluated By: B. Maser (NCWM) 25-061 (CN 11456)

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) 25-061

Example(s) of Device:

