



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/Load Receiving Element
Flexure Lever, Load Cell
Model: FXB-xyy-zzk Series
 n_{max} : 5 000
Capacity: 500 to 10 000 lb
Platform: 24" x 24" to 72" x 96"
Accuracy Class: III

Submitted By: Contact Info. Updated November 2022

Rice Lake Weighing Systems
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Standard Features and Options**Model Number Designations:**

- xx = Width in Inches
- yy = Length in Inches
- zz = Capacity in Thousand Pounds

Capacity	Platform Area
500 to 1000 lb	576 in
500 to 2000 lb	577 to 900 in
1000 to 5000 lb	901 to 1296 in
1000 to 10 000 lb	1297 to 3600 in
5000 to 10 000 lb	3601 to 6912 in

Load Cell:

- Sensortronics Model 60001A (CC Number 86-043A1) or other NTEP Certified Equivalent

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: November 2, 2012

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Rice Lake Weighing Systems

Weighing/Load Receiving Element / FXB Series

Application: General purpose weighing element.

Identification: A metal identification plate is riveted to the side of the scale base.

Test Conditions: This Certificate supersedes Certificate of Conformance 88-100A2 and is issued to indicate transfer of the NTEP Certificate of Conformance in the "Submitted by" box on page 1 from FlexWeigh to Rice Lake Weighing Systems. The model number was also changed from an FLB prefix to an FXB prefix. Previous test conditions are listed below for reference.

Certificate of Conformance 88-100A2: This Certificate supersedes Certificate of Conformance 88-100A1 and is issued to indicate transfer of the NTEP Certificate of Conformance from Velcon FlexWeigh to FlexWeigh (Rice Lake Weighing Systems). The NTEP Certificate of Conformance 88-100A1, though inactive, remains in effect to cover those devices previously sold and installed under the original name. Previous test information and documentation provided by the company was reviewed. The test conditions for the original type evaluation are listed below for reference.

Certificate of Conformance 88-100A1: This certificate cancels and supersedes Certificate number 88-100 to include permitted variations in scale dimensions. This certificate is issued based upon additional testing of the Model FLB7296-10K. The results of this test and the earlier evaluations indicate the devices comply with applicable requirements.

Evaluated By: Steve Cook, Gary Castro, Ron Flores (CA) 88-100

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 1991. NCWM, Publication 14: Weighing Devices, 1991.

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) 88-100A2, 88-100A3

Example of Device:

