



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/Load Receiving Element
Load Cell Electronic
Model: XxYCS-ZK Series
 n_{max} : 5 000
 e_{min} : 5 lb
Capacity: 25 000 to 100 000 lb
Platform: 4 ft. x 6 ft. to 10 ft. x 20 ft.*
Accuracy Class: III

Submitted By:

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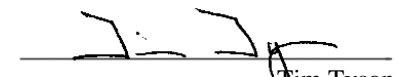
Standard Features and Options

- Model Designation:
 - X Designates Platform Width
 - Y Designates Platform Length
 - Z Designates Capacity in ton
- Minimum Platform Area: 24 sq. ft.
- Maximum Platform Area: 200 sq. ft.
- *Length and Width Can be Increased by 125%, Not to Exceed 200 sq. ft.
- Load Cells Used: Rice Lake, Model RL75058, NTEP Certificate of Conformance Number 96-027, or approved metrological 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.


Kurt Floren
Chairman, NCWM, Inc.


Jim Tyson
Chairman, National Type Evaluation Program Committee
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Rice Lake Weighing Systems

Weighing/Load Receiving Element / XxYCS-ZK Series

Application: This device is designed for general purpose Class III weighing, when interfaced to a certified and compatible indicating element.

Identification: The required marking information appears on a self-destructive (VOID) adhesive label or a riveted metal plate applied on the side of the frame, under the platter.

Sealing: The load cell junction box must be sealed. A wire security seal can be threaded through two drilled head screws. Alternatively, pressure sensitive seals can be applied to the cover joint on two opposite sides.

Test Conditions: Two scales, models 6x8CS-25K and 10x20CS-80K were interfaced to a Rice Lake model 920i-2A indicator (Certificate of Conformance Number 01-088) for the evaluation. Increasing/decreasing load tests to capacity and shift tests were conducted. Follow-up permanence tests were performed after a 20 day period, with the increasing / decreasing load and shift tests were repeated. 25 000 lb certified weight was used to test the 6x8SC-25K scale and 80 000 lb certified weight was used to test the 10x20SC-80K scale.

Evaluated By: T. Davis (KS)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2011. NCWM, Publication 14: Weighing Devices, 2011.

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)

Examples of Device:

