



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Hanging Scale
Mechanical Dial
Model: 40S
 n_{\max} : 512
Capacity: 32 lb x 1 oz
Platform: Commodity Pan
Accuracy Class: III

***Submitted By: Contact Info. Updated: October 2010**

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Standard Features and Options

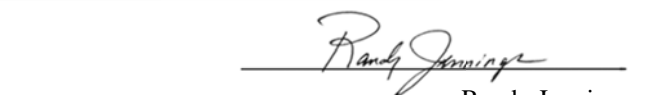
Standard Features:

- Multi-revolution Dial (three revolutions)
- 15" Double-faced Dial
- Protective Glass Plate Over Dial Face
- Commodity Pan

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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: October 28, 2010

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Cardinal Scale Manufacturing Co.

Hanging Scale / 40S

Application: Produce weighing, roadside stands, and wet commodities where the division value and scale capacity are appropriate. The scale is suitable for use in applications where the minimum load is at least 20 scale divisions.

Identification: The identification information is marked on or stamped into the dial face.

Operation: The dial is marked from zero to ten pounds. The marking to indicate the 10, 20, and 30 lb. Indication is on the draw-bar that is exposed as increasing loads are applied to the scale.

Test Conditions: The emphasis of this evaluation was on device design and performance. A test load of approximately one-half capacity was applied to the scale over 112 500 times. In addition, the scale was tested for accuracy over a temperature range of -10 °C to 40 °C.

Type Evaluation Criteria Used: NBS, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 1987.

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

Information Reviewed By: P. Labossiere

