

***National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices***

For:

Hanging Scale
Mechanical Dial
Model: 40S
n: 512
Capacity: 32 lb x 1 oz.
Platform: Commodity pan

Accuracy Class: III

Submitted by:

Cardinal Scale Mfg. Co.
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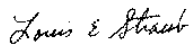
Standard Features and Options

Multi-revolution dial (three revolutions)
15-inch 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 (NTEP) 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.

Effective Date: June 9, 1988



Louis E. Straub
Chairman, NCWM, Inc.



G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: June 9, 1988

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This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

**Cardinal Scale Manufacturing Co.
Mechanical Dial Hanging Scale
Model: 40 S**

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. The results of this evaluation indicate this device complies with applicable requirements of NBS Handbook 44.

Type Evaluation Criteria Used: 1987 Edition.

Tested by: P. Labossiere.