

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

For:

Hanging Scale
Digital Electronic
Model: HS Series
 n_{\max} : 1500
 e_{\min} : 0.005 lb
Capacity: 6 lb (2 kg) to 30 lb (13.6 kg)

Accuracy Class: III

Submitted by:

CCI Scale Company, Inc.
4435 McGrath Street # 313
Ventura, CA 93003
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Contact: Jeremy Johnstone

Standard Features and Options

Scale capacities covered by this certificate are:	6 lb x 0.005 lb	2.7 kg x 0.002 kg
	15 lb x 0.01 lb	6.8 kg x 0.005 kg
	30 lb x 0.02 lb	13.6 kg x 0.01 kg

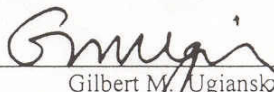
Semi-automatic (push-button) zero
Automatic zero setting mechanism (AZSM)
Battery power supply
Battery saving feature (auto shut-off)
AC/DC adapter
Gross/net display
Liquid crystal display (LCD)
lb/kg conversion

Load cell used: CCI part number HSP-LC-xx (the xx represents the capacity of the scale in pounds; 06,15 or 30)

Temperature Range: 0 °C to 40 °C (32 °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: May 6, 1999


Gilbert M. Ugiansky, Ph.D.
Chief, Office of Weights and Measures
Issue Date: August 3, 1999

Note: The National Institute of Standards and Technology does not "approve," "recommend," or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product by the Institute. (See NTEP Policy and Procedures.)

**CCI Scale Company, Inc.
Electronic Hanging Scale
Model: HS Series**

Application: General purpose hanging scale.

Identification: All the required information appears on the front or the back of the scale on a label glued to the scale body or on a panel that is part of the enclosure.

Sealing: A wire seal can be threaded through the drilled metal rod that goes through the sides of both plastic halves of the scale enclosure preventing undetected access to the calibration and configuration switch.

Test Conditions: Three scales were submitted for this evaluation (6 lb x 0.005 lb, 15 lb x 0.01 lb, and 30 lb x 0.02 lb capacities). The emphasis of the evaluation was on device design, operation, marking requirements and compliance with influence factor requirements. The scales were set up with two different styles of hanging pans. One was a single arm with a square load receiving platter and the other was a wire frame with a round platter that fits in the wire frame. Several increasing/decreasing load tests were performed. The scales were tested over a temperature range of 0 °C to 40 °C (32 °F to 104 °F). A load of approximately 1/2 capacity was applied to the scales over 100 000 times. The scales were tested periodically during this time. Tests were also conducted at 3.0 VDC and 6.6 VDC as well as 100 VAC and 130 VAC.

The results of the evaluation indicate the device complies with applicable requirements of NIST Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 1999 Edition

Tested By: E. Matthews (OH), A. McCoy (OH)