NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Weighing/Load Receiving Element
Platform
Load Cell, Electronic
Model: DWP Series
n_{max}: 5 000 e_{min}: 1 lb (0.5 kg)
Capacity: 10 000 lb (4 400 kg)
Platform: See Below
Accuracy Class: III

***Submitted By: Contact Info. Updated November 2023**
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Standard Features and Options

Model	Capacity	e_{min}	Platform Size
DWP-5000F	5 000 lb/2 200 kg	1 lb/0.5 kg	4 ft x 4 ft
DWP-10000F	10 000 lb/4 400 kg	2 lb/1.0 kg	5 ft x 5 ft

Platform: Devices evaluated 4 ft x 4ft and 5 ft x 5ft. The devices may have platform areas up to but not larger than that evaluated, 25 sq ft, with lengths or widths no greater than 125 percent of either dimension tested. (e. g. 6 ft x 4 ft)

Construction: Mild Steel

Load Cells used: 4 ZEMTC Shear Beam 4 K lb capacity, Model H8-C-4K (NTEP CC 07-012A1) or NTEP certified metrological equivalent.

Temperature Range: -10 ºC to 40 ºC (14 ºF to 104 ºF)

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.

Jerry Buendel
Chairman, NCWM, Inc.

Ronald Hayes
Chairman, National Type Evaluation Program Committee
Issued: April 26, 2016

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DIGIWEIGH USA Inc.
Weighing/Load Receiving Element / DWP Series

Application: General purpose weighing/load-receiving element when connected to a certified and compatible indicating element

Identification: The engraved identification badge is bolted to the side of the platform.

Sealing: The load cell junction box can be sealed with a wire security seal threaded through two screws on the cover.

Operation: Use of scale shall be in such a manner as to conform with manufacturer specifications and NIST Handbook 44, which includes reasonable testing access of the scale for proper testing procedures.

Test Conditions: This Certificate supersedes Certificate of Conformance number 08-095A1 and is issued without additional tests to reactivate Certificate of Conformance number 08-095A1 without lapse. Contact information and the company name have also been updated. Previous test conditions are listed below for reference.

Certificate of Conformance Number 08-095A1: This Certificate supersedes Certificate of Conformance Number 08-095 and is issued to increase the size of the weighing element and add additional capacities. A 5ft x 5ft (Model DWP-10000F) 10 000 x 2 lb load receiving element was submitted for evaluation. The load receiving element was interface with a Transcell Model T1-500E indicating element (Certificate of Conformance Number 94-080A3). The emphasis of this evaluation was on the device design, marking requirements, and performance. Several increasing/decreasing load tests were conducted up to 10 000 lb. Corner shift tests were conducted using 2 500 lb of certified weights during the initial evaluation. A follow up permanence test was conducted, subjecting the device to the same tests conducted during the initial evaluation. Previous test conditions are listed below for reference.

Certificate of Conformance Number 08-095: A 5000-lb, 4 ft x 4 ft (Model DWP-5000F) 5000 x 1 lb was submitted for evaluation. The weigh/load receiving element was interfaced with a Transcell Model TI-500E indicating element (NTEP CC 94-080A2). The emphasis of this evaluation was on the device design, marking requirements, and performance. Several increasing/decreasing loads (up to 5 000 lbs) and corner shift tests were conducted using 1 250 lbs of certified weights during the initial evaluation. After conducting the initial evaluation, an appropriate permanence test was conducted after which the device was subjected to the same tests conducted during the initial evaluation.

Evaluated By: Terry Davis (KS) 08-095, 08-095A1

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2009; NCWM, Publication 14: Weighing Devices), 2009

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) 08-095, 08-095A1, 08-095A2

Example of Device: