

National Conference on Weights and Measures

1135 M Street, Suite 110 • Lincoln, NE 68508

Certificate Number: 09-003

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

For:

Weighing/Load Receiving Element
Pallet Jack Scale / Load Cell Electronic
Model: CPS-1 and CPS-2
 n_{\max} : 3 000 e_{\min} : 1 lb
Capacity: 3 000 lb – 5000 lb
Platform: **See Below
Accuracy Class: III

Submitted by:

CAS Corporation
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Standard Features and Options

Specific Models:	CPS-1	3 000 x 1 lb	n_{\max} = 3 000
	CPS-2	5 000 x 2 lb	n_{\max} = 2 500

** Pallet jack scale tested: width 27 $\frac{3}{4}$ in / length of forks tested was 47 $\frac{1}{4}$ in
The device is approved for lengths or widths no greater than 125 percent of the dimension tested.

Construction: Mild Steel

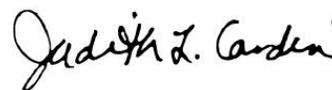
Load Cells used: 4 single ended shear beam load cells model BSA Series COC# (96-072A2) or certified metrological equivalent.

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.



Jack Kane
Chairman, NCWM, Inc.



Judith L. Cardin
Chairman, National Type Evaluation Program Committee
Issued Date: January 30, 2009

Note: The National Conference on Weights and Measures 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 or material by the NCWM.

CAS Corporation
Weighing/Load Receiving Element / Pallet Jack Scale
Model: CPS-1 and CPS-2

Application: Pallet jack weighing/load-receiving element designed for use in the shipping business when connected to a certified and compatible indicating element.

Identification: The engraved identification badge is riveted to the frame of the pallet jack.

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

Test Conditions: A Model CPS-1 scale, 47 ¼ in x 27 ¾ in, 3000 x 1 lb was submitted for evaluation. The weigh/load receiving element was interfaced with a CAS Model CI-2001B indicating element (NTEP CC 98-103A1). The emphasis of this evaluation was on the device design, marking requirements, and performance. Several increasing/decreasing loads (up to 3 000 lbs) using certified weights and corner shift tests were conducted using 750 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.

Type Evaluation Criteria Used: NIST Handbook 44, 2008 Edition; NCWM Publication 14, 2008 Edition

Tested By: T. Davis (KS)

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

Information Reviewed By: J.Trux (NCWM)

Example of Device:

