

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

For:

Application Software, PC Computer
Data Processing System for Weighing Devices and
Automatic Bulk Weighing Systems
Model: GMS Series

Submitted by:

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Standard Features and Options

Model GMS-B: Bulk Weigher data processing system; supports single or multiple Automatic Bulk Weighing System Controllers

Model GMS-P: Platform scale weighing data processing system; supports single and multiple NTEP approved digital indicating elements.

Model GMS-BP: Bulk Weigher and platform scale data processing system; supports a combination of GMS-P and GMS- B systems.

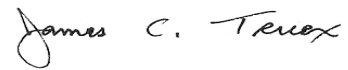
- PC based system
- Mouse or function key control
- Multiple workstation configuration
- Local certificate printing
- Custom and standard reporting
- Software version 5.1.8. or greater
- Support for networks, magnetic card readers, modems, traffic control devices (gates, lights, etc.), bar code scanners, PLCs, scoreboards, touch monitors and external computers.

Controllers used in evaluation: Compudraft Series 2000 and 3000 (NTEP Certificate of Conformance 90-093A1)

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.



G. Weston Diggs
Chairman, NCWM, Inc.



James C. Truex
Chairman, National Type Evaluation Program Committee

Issued Date: July 5, 2005

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.

CompuWeigh Corporation
Data Processing System for Weighing Devices and
Automatic Bulk Weighing Systems
Model: GMS Series

Application: For use as bulk weighing and/or platform remote control PC-BASED applications, when interfaced to bulk weighing controllers or approved and compatible weighing elements.

Identification: An identification tag is placed on the front of the computer console. The SVGA monitor is interchangeable and does not have an identification tag. The GMS Series identification is visible on the SVGA screen and the software version is available at power up. The indicating and bulk weighing interface elements have their own identification tag.

Sealing: There are no adjustable metrological components in the unit. All weighing and indicating elements interfaced to the system are sealed as described in their individual Certificate of Conformance.

Operation: GMS-B: Bulk weigher data processing. The system supports single and multiple bulk weighing controllers as the certified controlling device. Although the system controls multiple controllers, each controller is a single bulk weighing device. The system performs bulk weighing and accounting functions, and issue reports.

GMS-P: Platform weighing data processing. This system supports single and multiple NTEP approved digital indicating elements as the certified controlling device. The system performs weigh-in/weigh-out and accounting functions, and issues reports.

GMS-BP: This system supports data processing for a combination of the Models GMS-B bulk weigher and GMS-P platform weighing systems.

Field Inspection Notes: The parameters of this system's operation are selectable and certain required information may be changed or altered by the operator. Changes that do not comply with applicable NIST Handbook 44 requirements are not permitted and such devices using the altered systems are not covered by this Certificate of Conformance.

Test Conditions: This Certificate supersedes Certificate of Conformance Number 97-021A1 and is issued to clarify information regarding specific CompuWeigh controllers that are no longer manufactured. No additional testing was required. Previous test conditions are listed below for reference.

Certificate of Conformance Number 97-021A1: This Certificate supersedes Certificate of Conformance (CC) Number 97-021 and is issued to include the capability to upgrade CMS Series and TMS Series systems (CC 94-021) to the GMS Series. This note was inadvertently omitted from CC 97-021. No additional testing was deemed necessary.

Certificate of Conformance Number 97-021: Model GMS Series was tested in the laboratory. The weighing system was interfaced to a CompuDraft Series 3000 (CC 90-093A1), a Condec UMC 600 indicating element (CC 88-070), and a printer. The emphasis of the evaluation was on the operation and performance of the software and marking requirements of the CRT display and printed ledger. Several simulated weighments were conducted. Areas tested included platform weighing, receive and ship modes and power loss. Gate failure was simulated to determine its effect on the system.

Evaluated By: B. Fishman (NY) 97-021

Type Evaluation Criteria Used: NIST Handbook 44, 1997 Edition; NCWM Publication 14, 1997 Edition

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

Update Reviewed By: S. Cook (CA) 97-021A1; S. Patoray (NCWM), L. Bernetch (NCWM) 97-021A2