NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Scale System Controller
Weigh In/Weigh Out, Software, Vehicle, Dynamic, Static, Monorail, AWS
Model: MCORE
Version:3.0.0.5 or higher
n_{max}: 10 000
Accuracy Class: III/IIIL

Submitted By:
VBS Inc. dba: Vande Berg Scales, ASTD or ECE
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Standard Features and Options

- Keyboard Tare
- Programmed Tare
- Percentage Tare
- Proportional Tare
- Static and Dynamic Tare
- Multiple Tare Memories
- Price Computing
- Monitor
- Wireless Communication
- AC Power
- lb/oz/kg/g

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.

Ronald Hayes
Chairman, NCWM, Inc.

John Gaccione
Committee Chair, National Type Evaluation Program Committee
Issued: July 31, 2014

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Scale System Controller / MCORE

Application: First Final Metrological Core interface between general purpose and static & dynamic AWS / Monorail indicating element (for use with approved and compatible weighing elements) and application specific software written for scale interfaces such as weigh in/weigh out gross tare net determination, keypad/programmed/recalled/percentage/proportional/static&dynamic monorail tare, monorail trade division rounding, price computing, and AWS applications.

Identification: The NTEP Certificate of Conformance number is continuously displayed on the "MCORE G-S.1 ID" button. To obtain this and other G.S.1 information including version number select the button. See button and declaration information screen example below:

Sealing: MCORE utilizes a category 3 event logger. To view and or print this information select "MCORE G-S1. ID Button".

Operation: The MCORE program is software application that works behind the scenes with weight indication equipment and other application software programs to assure the first final calculations are metrologically correct.

Test Conditions: The emphasis of this evaluation was on device design, operation, performance and compliance with marking requirements. The MCORE program is a software application that works with weight indication equipment and other application software programs to assure the first final calculations are metrologically correct. The MCORE program was used with a Vande Berg model SDS indicator (NTEP Certificate of Conformance Number 14-069) interfaced with a load cell simulator. Numerous weighing transactions were performed to verify the tare capabilities, net weight information, price computation, and appropriate usage of unit abbreviations.

Evaluated By: E.A.Payne, Jr (MD)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2014 Edition. *NCWM Publication 14 Weighing Devices*, 2014 Edition.

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)

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Scale System Controller / MCORE

Example of Device:

MCORE G-S.1 ID
CC#: 14-xxx