



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Automatic Bulk Weighing System  
System Controller and Software  
Model: UniWin® BWC \*See below  
Version Number: 3.0 or higher  
Capacity: \*\*See below  
Accuracy Class: III/ III L

**Submitted By:**

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### Standard Features and Options

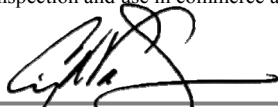
\* For this certificate to be valid, this system must be interfaced with an NTEP certified and compatible indicating and weighing element.


\*\* The capacity and division size depend on the parameters of the NTEP certified scale system.

**Standard Features:**

UniWin® scale software version 3.0. or higher  
Configurable data-fields, such as vehicles, customers, products, orders, etc.  
Computer software that runs on Windows O.S. XP, 7, 10 or higher as well as Windows Server O.S.  
The system performs other accounting and record keeping functions that have no metrological effect on the weighing operations.

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.

  
\_\_\_\_\_  
Craig VanBuren  
Chairman, NCWM, Inc.

  
\_\_\_\_\_  
Stephen Benjamin  
Committee Chair, NTEP Committee  
Issued: December 20, 2019

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**Control Staff Inc.**  
Automatic Bulk Weighing System / UniWin® BWC

**Application:** For use as a bulk weighing system controller for grain and general-purpose bulk weighing when interfaced with an NTEP certified and compatible indicating and weighing element.

**Identification:** The identification information appears on a tag on the side of the controller housing. Also, from the PC-application go to Menu/Help/About to validate the version number of the UniWin software displayed.

**Sealing:** The software has no sealable parameters. All sealing is performed by the indicating element sealing section.

**Operation:** The model UniWin® BWC system operates as a manual or semi-automatic bulk weighing system controller. The controller includes switches and other controls for gates, starting, stopping, etc.

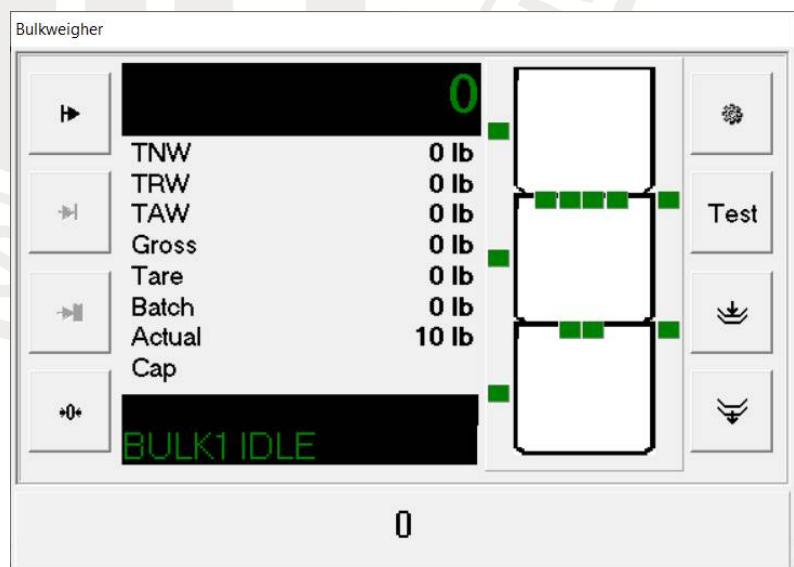
**Test Conditions:** The emphasis of the evaluation was on device design, operation, and compliance with marking requirements and performance of the controller, weight display information, printed information, and interaction with the indicating element. The controller was connected to a load cell simulator for this evaluation. Several drafts were run, and tickets were printed for each draft. Voltage tests from 102 to 132 VAC were performed. The results of the evaluation indicate the device complies with all applicable requirements of NIST Handbook 44.

**Evaluated By:** M. Kelley (OH)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2019 Edition. *NCWM Publication 14 Measuring Devices*, 2019 Edition.

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

**Information Reviewed By:** D. Flocken (NCWM)





**Control Staff Inc.**  
Automatic Bulk Weighing System / UniWin® BWC

**Weighing**

File Edit Search Print Filter

Modify Delete

Browse Detail

Weigh # [201912160005]

**Details**

Order [TEST4] Type [Delivering]

Customer [INFWAA] Intotech Logistics BV Target Weight [50,000 lb]

Product [T] Rape Seed Draft Size [5,000 lb]

Silo [A] Silo A Course to Dribble [0 lb]

Carrier [INFWAA] Intotech Logistics BV After Flow [0 lb]

Vehicle ID [TEST4]

**Payload Details**

Start [10:44:19] [16-12-19] Scale Net [50,210 lb]

Finish [10:56:02] [16-12-19] Drafts [10]

Ticket No. [8]

Serial No. [78]

OK Cancel

Weighing 10 View

**Tally**

Search

december 2019

#	Date/Time	Scale	Serial	1st Weight	2nd Weight	Net	Unit	Factor	OK
6	16-12-19 10:05:11	BULK1	43	0	0	11900	lb	1	OK
7	16-12-19 10:33:11	BULK1	51	4890	80	4810	lb	1	OK
8	16-12-19 10:33:52	BULK1	53	6000	0	6000	lb	1	OK
9	16-12-19 10:33:52	BULK1	54	0	0	10810	lb	1	OK
10	16-12-19 10:41:38	BULK1	56	4920	10	4910	lb	1	OK
11	16-12-19 10:44:38	BULK1	59	5020	30	4990	lb	1	OK
12	16-12-19 10:45:22	BULK1	61	5200	0	5200	lb	1	OK
13	16-12-19 10:45:57	BULK1	63	4970	0	4970	lb	1	OK
14	16-12-19 10:47:13	BULK1	65	5120	0	5120	lb	1	OK
15	16-12-19 10:47:41	BULK1	67	4970	0	4970	lb	1	OK
16	16-12-19 10:48:18	BULK1	69	5120	0	5120	lb	1	OK
17	16-12-19 10:53:51	BULK1	71	5150	0	5150	lb	1	OK
18	16-12-19 10:54:29	BULK1	73	5090	0	5090	lb	1	OK
19	16-12-19 10:55:16	BULK1	75	5050	0	5050	lb	1	OK
20	16-12-19 10:56:02	BULK1	77	4550	0	4550	lb	1	OK
21	16-12-19 10:56:02	BULK1	78	0	0	50210	lb	1	OK
22	16-12-19 12:31:55	BULK1	80	0	5240	5240	lb	1	OK
23	16-12-19 12:32:40	BULK1	82	20	5110	5090	lb	1	OK
24	16-12-19 12:33:30	BULK1	84	10	5490	5480	lb	1	OK
25	16-12-19 12:34:17	BULK1	86	0	4010	4010	lb	1	OK

Vandaag: 16-12-19

All File Find

Send To OneNote 2016 Print

OK

16-12-19 50

