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JUN 12 2008

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:

**PETITION OF STERICYCLE, INC.
FOR AN ADJUSTED STANDARD
FROM Ill. Admin. Code tit. 35 § 1422.111(B)(1);
§ 1450.105(A)-(B); AND § 1450.200(E)**

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STATE OF ILLINOIS
Pollution Control Board

**AS 08-2
Adjusted Standard**

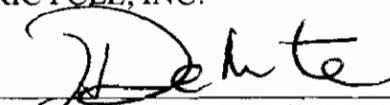
NOTICE OF FILING

To: Dorothy Gunn
Clerk of the Board
Illinois Pollution Control Board
100 West Randolph Street
James R. Thompson Center, Suite 11-500
Chicago, Illinois 60601-3218

Division of Legal Counsel
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

PLEASE TAKE NOTICE, that on June 12, 2008, pursuant to the Hearing Officer Order dated June 4, 2008, in the above-styled Petition for Adjusted Standard, we filed with the Office of the Clerk of the Illinois Pollution Control Board an original and ten copies of the attached Certificates of Conformance for the Transcell Model TI-500E (attached as Exhibit A), Weigh-Tronix Model WI-130 (attached as Exhibit B), and Toledo Panther (attached as Exhibit C) scales operated at the Stericycle, Inc., facility in Sturtevant, Wisconsin, copies of which are hereby served upon you.

STERICYCLE, INC.

By: 
Jessica E. DeMonte, Esq. (Ill. No. 6288817)
Squire, Sanders and Dempsey L.L.P.
Three First National Plaza
70 W. Madison, Suite 2015
Chicago, IL 60602
(312) 781-1123
jdemonte@ssd.com

CERTIFICATE OF SERVICE

I, the undersigned, on oath state that I have served on the date of June 12, 2008, the attached Notice of Filing, via electronic mail and U.S. Mail, upon the following:

Division of Legal Counsel
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

Peter Orlinksy
Assistant Counsel, Northern Region
Illinois Environmental Protection Agency
9511 West Harrison Street
Des Plaines, Illinois 60016



Jessica DeMonte

EXHIBIT A

National Conference on Weights and Measures
15245 Shady Grove Road, Suite 130 • Rockville, MD 20850

Certificate Number: 94-080A2

Page 1 of 2

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

For:
Indicating Element
Digital Electronic
Models: TI Series
 n_{max} : 5000 and 10 000

Accuracy Class: III

Submitted by:
Transcell Technology, Inc.
309 Era Drive
Northbrook, IL 60062
Tele: (847) 559-9180
Fax: (847) 559-9182
Contact: Jon Heinlein

Standard Features and Options

Model	TI-2200	TI-2100	TI-500E	TI-500	TI-600E	TI-600
Display type	Light Emitting Diode (LED)	LED	LED	Liquid Crystal Display (LCD)	LED	LCD
Housing type	Stainless Steel	Stainless Steel	Stainless Steel or Plastic	Stainless Steel or Plastic	Stainless Steel or Plastic	Stainless Steel or Plastic
n_{max}	10 000	10 000	5000	5000	5000	5000
Semi-automatic zero and tare	X	X	X	X	X	X
External lb/kg	X	X	X	X	X	X
RS 232 Interface	X	X	X	X	X	X
Programmable set points for batching	Four	Two	--	--	--	--
Keyboard tare	X	--	--	--	X	X
Power: AC adapter	X	X	X	X	X	X

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.

Effective Date: July 8, 1996

Louis E. Straub
Louis E. Straub
Chairman, NCWM, Inc.

G. Weston Diggs
G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: August 8, 1996

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.

This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

Transcell Technology, Inc.
Indicating Element
Model: TI Series

Application: These indicators may be used with any approved and compatible weighing elements for general purpose weighing.

Identification: The identification plate is on top of the indicator. The indicator is mounted on a swivel mount that may be turned to view the identification information.

Sealing: Calibration and configuration parameters are accessed by toggling an internal switch or jumper to the setup mode. A security seal prevents access to the internal calibration switch.

Models TI-2200 and TI-2100 can be sealed using a wire security seal through two adjacent screws that secure the back cover.

Models TI-600E, TI-600, TI-500 and TI-500E, with a plastic case, can be sealed using a wire security seal through two screws that secure a cover plate over the opening of the calibration switch and a third screw in the right corner that secures the case cover. The stainless steel cases can be sealed using a wire security seal through two adjacent screws that secure the back cover.

Test Conditions: This certificate supersedes Certificate of Conformance No. 94-080A1 and is issued to add the TI-600E and TI-600 to the TI series. Models TI-600E and TI-600 are metrologically similar to models TI-500E and TI-500, with the addition of a numerical keypad used to enter keyboard tares. Model TI-600E was submitted for evaluation. The emphasis of the evaluation was on the entry of keyboard tare compliance with tare requirements and its interaction with other indicator functions. Additionally, a new type of metal foil identification badge was evaluated for compliance with permanence of markings and durability requirements. The previous test conditions are repeated for reference.

Certificate of Conformance 94-080A1: This certificate supersedes Certificate of Conformance No. 94-080 and is issued to add model TI-2200 to the TI Series. Model TI-2200 is metrologically similar to model TI-2100, with the addition of some keys and software functions such as keyboard tare. The operation and functions of these keys were tested in the laboratory.

Certificate of Conformance 94-080: The emphasis of this evaluation was on device design, operation, and compliance with the influence factor requirements. Models TI-2100 and TI-500 were selected for evaluation. The indicating elements were interfaced to load cell simulators and tested for accuracy over a temperature range of -10 °C to 40 °C and 100 VAC and 130 VAC. Additionally, the indicating elements were attached to weighing elements and tested for compliance with zone of uncertainty, AZSM, width of zero and discrimination requirements. One indicator was attached to a printer to check print format.

The results of these evaluations and information provided by the manufacturer, indicate that the devices comply with the applicable requirements of NIST Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 1996 Edition

Tested By: Bill Fishman (NY) and Ed Szesnat (NY) (94-080); Bill Fishman (NY) (94-080A1 and 94-080A2)

EXHIBIT B

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

For:

Indicating Element
Digital Electronic
Models: WI-130 and WI-130 Simulcast
n_{max}: 10 000

Accuracy Class: III/III L

Submitted by:

Avery Weigh-Tronix, LLC
1000 Armstrong Drive
Fairmont, MN 56031-1000
Tel: (507) 238-4461
Fax: (507) 238-8255
Contact: Leon Lammers

Standard Features and Options

Standard Features listed on page 2.

Model WI-130 Options:

- 10 volt to 32 volt DC or battery power supply
- Up to five scale interface capability with scale weights displayed individually or simultaneously (see Operation Page 3)
- Wireless Communication:
 - RM200 WiFi Compliant Radio or equivalent
 - Blueport Bluetooth Compliant Radio or equivalent
- User Interface:
 - T700 Data Terminal or equivalent
 - CV60 Data Terminal or equivalent

Some of the standard features and options are selectable during the set-up of the device

NOTE: To verify the software version, press and hold the "ESCAPE" key until the device beeps. Key in "111", "ENTER", "VIEW", and "VER". To return to the operating mode, press "ESCAPE", "ESCAPE", "EXIT".

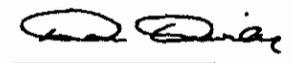
Model WI-130: This certificate applies to devices containing software versions JAN 19 1995 to SEP 06 1996 (without multiple scale capability) and SEP 06 1996 and all subsequent versions (see Sealing on Page 2).

Model WI-130 Simulcast: This certificate applies to devices containing software version DEC 22 1998 and all subsequent versions (see Sealing on Page 2).

Temperature Range: -10 to 40 °C (14 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.


Mike Cleary
Chairman, NCWM, Inc.


Don Onwiler
Chairman, National Type Evaluation Program Committee

Issue date: October 26, 2006

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.

Avery Weigh-Tronix, LLC
Digital Electronic Indicating Element
Models: WI-130, WI-130 Simulcast

Application: General purpose indicator for use with compatible certified Class III or III L weighing elements.

Standard Features:

WI-130	WI-130 Simulcast
Stainless steel enclosure	Stainless steel enclosure
Semi-automatic zero	Semi-automatic zero
Automatic zero setting mechanism	Automatic zero setting mechanism
Keyboard tare	Keyboard tare
Semi-automatic tare	Semi-automatic tare
Gross/net/tare display	Gross/net/tare display
Alphanumeric display	Alphanumeric display
Unit selection key (kg ,g, lb, oz)	Unit selection key (kg ,g, lb, oz)
Vacuum fluorescent display	Electroluminescent display
Variable print format	Variable print format
Center of zero annunciator	Center of zero annunciator
RS232 unidirectional communication (printer)	Rs232 unidirectional communication (printer)
Ac power	10-72 VDC power
115.89 mm x 34.93 mm display	82.55 mm x 44.45 mm display
9 1/4" H x 10 1/4" W x 5 1/2" D dimension	6 3/4" H x 9 3/4" W x 4 1/8" D dimension
	Automatic shut-off

Identification: The required marking information is on the front panel of the device. Labels for the capacity, division, concentrated load capacity (if required), and section capacity (if required) will be identified on an adhesive label. The label will self-destruct when removed.

Sealing: WI-130: Access to enable or disable the external keyboard calibration mode is secured by a jumper connection on the main board. If pin P19 is jumped, external access to the calibration mode is disabled. Two capped nuts, on the back of the device, can be sealed with a wire seal to prevent access to the main board.

Certificate of Conformance Number 95-008A1 (software version SEPT 06 1996 and all subsequent versions): To verify that the jumper is in the sealed position:

- Hold the "ESCAPE" key for approximately five seconds
- Key in the user code "111", and press the "ENTER" key.
- From the user menu, select the "CAL" key. A message will tell the user the state of the system. "SEALED" or "UNSEALED."
- Press any key and press the "EXIT" key to return to the normal weighing mode.

Certificate of Conformance Number 95-008 (software versions JAN 19 1995 to SEPT 06 1996): To verify that the jumper is in the sealed position:

- Hold the "ESCAPE" key for approximately five seconds
- Key in the configuration code, 2045 and the "ENTER" key. The indicator will return to the normal mode of operation if the jumper is in the sealed position.

Weigh-Tronix, Inc.
Digital Electronic Indicating Element
Models: WI-130, WI-130 Simulcast

WI-130 Simulcast: The calibration mode is accessed by pressing a switch (S1), through a hole in the rear panel of the device. The switch toggles between the sealed and unsealed state. Access is secured by screwing a nylon cap nut in the hole and threading a wire security seal through two stainless steel cap nuts and the nylon cap nut. To verify the seal state of the switch:

- Enter the user mode by holding in the "ESCAPE" key for 5 seconds
- Key in the user code "111" and press the "ENTER" key.
- From the user menu, select "View" and "Seal". The screen will display whether the indicator is "Sealed" or "Unsealed."
- Press any key and press "EXIT", "EXIT" to return to the normal weighing mode.

Operation: (Multiple Scale Interface): In "legal for trade" applications, the number of programmed and calibrated scales must reflect the actual number of physical scales. If the indicator is programmed and calibrated for more weighing elements than are actually installed, it can display and print values from the unused programmed scale that can be misinterpreted as valid weights.

If all scales are not displayed simultaneously, the number of scales installed in the system can be verified by pressing in the "ESCAPE" key for approximately five seconds, key in the user code 111, and press "ENTER." From the user menu press the "SELECT" key, followed by the "SCALE" key. At this point enter the active scale (1-5) to be selected. Press "EXIT," then "EXIT" again. The number of the scale selected will appear as "SCL" plus the number entered. If the scale number selected is not actually installed, the scale will return to the normal weighing mode of the previous scale.

Test Conditions: This certificate supersedes Certificate of Conformance Number 95-008A2 and is issued to include wireless (RF) communication equipment and user interface equipment to the WI-130 SimulCast. The User interface equipment is used to collect the weight information that is transmitted from the indicator and stored for reporting and sorting purposes. The RF communications equipment will replace the RS232 communications cables to printers, computers and other office equipment. Two indicators were configured to transmit weight over the RS232 serial ports. Demonstration 1 was connected to an RM200 WiFi radio, demonstration 2 was connected to a BluePort Bluetooth module. Both indicators were configured in this manner. A laptop computer was connected to 1 BluePlug module to collect the data from the two indicators. It was also connected to 2 RM200 radios on the laptop to test the communications for the WiFi enabled indicators. Multiple tests were observed to ensure that the weight information was received properly from each radio and to ensure that the two systems would not interfere with each other. A CV60 and t700 user interfaces were connected and they demonstrated potential functionality. Multiple tests were observed to ensure that the weight information was received properly. The Radio will not be battery powered. Its power comes from the device that it is connected to. Power was removed from the radio during a test and then the antenna was removed with the radio shielded, which also simulated us losing communications. In both cases, the indicating element displayed "no comm." No other testing was deemed necessary at this time. The previous test conditions are listed below for reference. No other testing was deemed necessary at this time. The previous test conditions are listed below for reference.

Certificate of Conformance Number 95-008A2: This Certificate supersedes Certificate of Conformance No. 95-008A1 and is issued to include Model WI-130 Simulcast. Model WI-130 Simulcast is similar to Model WI-130, but the WI-130 Simulcast has a smaller case, utilizes smaller printed circuit boards, and operates on 10-72VDC power.

The emphasis of this evaluation was on device design, operation, and compliance with influence factors. The Model WI-130 Simulcast was interfaced with a load cell simulator and tested for accuracy over a temperature range of -10 °C to 40 °C. The device was tested over a voltage range of 9.4 VDC (voltage at which device blanked) to 79.2 VDC. Additionally, the indicator was interfaced to a Weigh-Tronix Model BS-2020 weighing element to verify compliance with zero, zone of uncertainty, and motion detection requirements. The previous test conditions are listed below for reference.

Avery Weigh-Tronix, LLC
Digital Electronic Indicating Element
Models: WI-130, WI-130 Simulcast

Certificate of Conformance Number 95-008A1: This Certificate superseded Certificate of Conformance Number 95-008 and was issued to include the multiple weighing element configuration and a change in the method of verifying jumper positions and sealing. The emphasis of this evaluation was on device design, operation, and compliance with requirements for multiple load-receiving elements, printed indications, and provisions for sealing. The device was tested interfaced with a load cell simulator and with two Weigh-Tronix Model BS-2020 weighing elements.

Certificate of Conformance Number 95-008: The emphasis of this evaluation was on device design, operation, and compliance with influence factors. The Model WI-130 was interfaced with a load cell simulator and tested for accuracy over a temperature range of -10 °C to 40 °C. The device was tested over a voltage range of 100 to 130 volts AC and 8.6 to 32 volts DC (voltage at which device blanked). Additionally, the indicator was interfaced to a Weigh-Tronix Model BS-2020 weighing element to verify compliance with zero, zone of uncertainty, and motion detection requirements.

Evaluated By: A. P. Buié (MD) 95-008; A. P. Buié, J. T. Price (MD) 95-008A1, 95-008A2; T Lucas (OH) 95-008A3

Type Evaluation Criteria Used: 95-008A2: NIST Handbook 44, 1999 Edition
95-008A3: NIST Handbook 44, 2006 Edition; NCWM Publication 14, 1006 Edition

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

Information Reviewed By: S. Patoray, L. Bernetich (NCWM) 95-008A3

Example of WI-130:



EXHIBIT C

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

For:

Indicating Element
Digital Electronic
Model: Panther
n_{max}: 10 000

Accuracy Class: III/III L

Submitted by:

Mettler-Toledo, Inc.
1150 Dearborn Drive
Worthington, OH 43085
Tel: (614) 438-4393
Fax: (614) 438-4355
Contact: Darrell Flocken

Standard Features and Options

Semi-automatic (push-button) zero
Automatic zero setting mechanism
Initial zero setting mechanism (Class III weighing systems only)
Semi-automatic (push-button) tare
Platter tare
Keyboard tare
Remote printer capability
AC power
Gross/net display
lb/kg toggle switch
kg, g, lb, troy ounce, ton, and tonne capability
RS-232 port
Vacuum fluorescent display
Intrinsic Safe Barrier Model ISB
Numeric keypad
Panel mount option

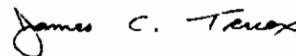
The "Panther Plus" version is identical to the "Panther" except that it includes a numeric keypad and has keyboard Tare capability.

Temperature Range: -10 to 40 °C (14 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.



G. Weston Diggs
Chairman, NCWM, Inc.



James C. Truex
Chairman, National Type Evaluation Program Committee
Issue date: May 10, 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.

Mettler-Toledo, Inc.
Indicating Element
Model: Panther

Application: General purpose indicating element.

Identification: On the desk top version of the indicator, the required marking information appears on the front of the indicator and on an adhesive label on the side of the indicator. Panel mount versions of the indicator will have all the marking information on the front of the indicator, either on the face plate or on an adhesive label. All models are identified as Panther on the ID label, but the version with numeric keypad and keyboard Tare capability will be marked "Panther Plus" on the front of the indicator.

Sealing: The desk top/wall version of the indicator may be sealed by threading a wire security seal through one of the slotted holes in the bottom right or left of the front panel cover and then through the hole in the sealing clip attached to the bottom of the back half of the enclosure. Panel mount versions of the indicator do not have a back cover. A plate secures the circuit boards and access to calibration means. The plate may be sealed with a wire security seal through two drilled head screws on the upper left side of the back of the indicator.

Test Conditions: This Certificate supersedes Certificate of Conformance Number 96-125A3 and is issued to list one additional model that was inadvertently left off the original certificates and to include the option of a panel mount version of the Panther. The additional model is the Panther Plus, which includes keyboard tare and a numeric keypad. The panel mount version was evaluated earlier but was not mentioned on the certificate except in the Identification and Sealing sections. No additional testing was performed. Previous test conditions are shown below for reference.

Certificate of Conformance 96-152A3: This Certificate supersedes Certificate of Conformance Number 96-125A2 and is issued to list the ISB intrinsic safe barrier as an approved option. The ISB option was tested with a JagXtreme indicating element (Certificate of Conformance 94-096A5) over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Several increasing/ decreasing load tests were performed using load cell simulators.

Certificate of Conformance 96-125A2: This Certificate supersedes Certificate of Conformance Number 96-125A1 and is issued to include keyboard tare and to correct the sealing method stated on the previous certificate. The indicator was interfaced with a load cell simulator and was tested using Publication 14 requirements for tare and keyboard tare. No further testing was deemed necessary.

Certificate of Conformance 96-125A1: This Certificate superseded and replaced 96-125 and was issued to increase the n_{max} from 5000 to 10 000.

Certificate of Conformance Number 96-125: The Panther indicator was interfaced with a Mettler Toledo Model GB-xxx load-receiving element for this evaluation. The emphasis of the evaluation was on device design, operation, marking requirements and compliance with influence factor requirements. The indicator was tested over a temperature range of -10 to 40 °C (14 to 104 °F). Additionally, tests were conducted using power supplies of 100 VAC and 130 VAC.

Type Evaluation Criteria Used: NIST Handbook 44, 1998 Edition; NCWM Publication 14, 1998 Edition

Evaluated By: M. Kelley (OH) 96-125 & 96-125A1, W. West (OH) 96-125A1, A. McCoy (OH) 96-125A2; T. Lucas (OH) 96-125A3, W. West (OH) 96-125A4

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

Reviewed By: S. Patoray, L. Bemetich (NCWM) 96-125A3, 96-125A4