



WEIGHLOG

SCALE MANUFACTURERS ASSOCIATION, INC.
6724 Lone Oak Blvd. • Naples, Florida 34109
<http://www.scalemanufacturers.org>

SMA Member Companies

Avery Weigh-Tronix, Inc.

Cardinal Scale Manufacturing Co.

Fancor, Inc.

Hobart Corporation

Hottinger Baldwin Measurements

John Chatillon & Sons, Inc.

LTS Scale Corporation

McKesson Automation Systems

Measurement Systems International, Inc.

Mettler-Toledo, Inc.

Rice Lake Weighing Systems

Sartorius Corporation

Systems Associates, Inc.

Vishay Transducers



SCALE MANUFACTURERS ASSOCIATION, INC.

SPRING - SUMMER 2004

RICHARD G. NORDEN ELECTED PRESIDENT

Richard G. Norden, president, & COO, Fancor, Inc., Kansas City, Missouri, was elected president of the Scale Manufacturers Association during the 59th Annual Meeting on Marco Island, Florida.

Norden succeeds Robert J. Schuller, general manager, weigh wrap, Hobart Corporation, Troy, Ohio.

Todd Manifold, general manager, light industrial PO, Mettler-Toledo, Inc., Columbus, Ohio was elected vice president.

Members of the Board are:

Stephen Langford, vice president, engineering services, Cardinal Scale Manufacturing Company, Webb City, Missouri.

Todd Manifold, general manager, light industrial PO, Mettler-Toledo, Inc., Columbus, Ohio.

Richard G. Norden, president, & COO, Fancor, Inc., Kansas City, Missouri.



Outgoing SMA President, Bob Schuller passes the gavel to incoming SMA President, Richard Norden at the SMA Annual Meeting.

Robert J. Schuller, general manager, weigh wrap, Hobart Corporation, Troy, Ohio.

Jay Visco, oem segment sales manager, Vishay Transducers, Covina, California.

TECHNICAL COMMITTEE APPOINTMENTS

Darrell Flocken, Mettler-Toledo, Inc., and Leon Lammers, Avery Weigh-Tronix, Inc. were re-appointed to a new three-year term on the SMA technical committee.

Carryover members are, Stephen Langford, Cardinal Scale Manufacturing Company, Dave Quinn, Fancor, Inc., Mark Knowles, HBM, Inc., Doug Biette, Sartorius Corporation, and Nigel Mills, Hobart Corporation.

OFFICERS

President
Richard G. Norden
FANCOR, Inc.

Vice President
Todd Manifold
Mettler-Toledo, Inc.

Immediate Past
President
Robert J. Schuller
Hobart Corporation

Executive Director
Robert A. Reinfried
SMA

DIRECTORS

Term Expires 2005
Stephen Langford
Cardinal Scale

Richard G. Norden
FANCOR, Inc.

Term Expires 2006
Jay Visco
Vishay Transducers

Term expires 2007
Todd Manifold
Mettler-Toledo, Inc.

STAFF

Technical Assistant
Philip G. Hannigan

Meeting Coordinator
Kimberly MacLaren

SMA AWARDS VISHAY TRANSDUCERS CONFORMITY ASSESSMENT CERTIFICATE



During the SMA Annual Meeting in April, Vishay Transducers, having successfully completed a Conformity Assessment Audit, and meeting the quality requirements of the SMA Conformity Assessment (Production Meets Type) program, was presented with a certificate acknowledging this accomplishment. The program is open to all manufacturers (member or non-member) who wish to certify that their T.N.8 production meets type.



On behalf of Vishay Transducers, Jay Visco accepts the SMA award of Production Meets Type Conformity Assessment Certification from SMA President, Richard Norden.

Vishay joins Avery Weigh-Tronix, HBM, Hobart, and Mettler-Toledo as members of SMA who have successfully completed the Conformity Assessment Audit. BVQI, SMA's independent auditor, conducted the on-site audits which certify a company's ability to insure production meets type for the products that are entitled to display the SMA PMT Logo.

For more information on the SMA Conformity Assessment Program (including a complete list of those companies having successfully completed the Conformity Assessment Audit), visit www.scalemanufacturers.org.

SMA WELCOMES BACK RICE LAKE WEIGHING SYSTEMS

Rice Lake Weighing Systems was welcomed back to SMA during the Annual Meeting in April. Jim Sexton, vice president of marketing is the company official representative. Other company representatives are Mark Johnson, CEO, Steve Parkman, vice president of engineering and Paul Lewis, compliance.

SMA membership is comprised of companies dedicated to the best interests of the scale industry as a whole; to the owners and users of scales, who are entitled to the best practical weighing equipment which can be produced; and to the public, which is so dependent upon accurate and dependable weights.

For more information on SMA, please visit our Web site, www.scalemanufacturers.org.

SMA POSITIONS ON SELECTED ITEMS OF INTEREST TO SMA ON THE AGENDA OF THE NATIONAL CONFERENCE OF WEIGHTS AND MEASURES ANNUAL MEETING

AGENDA OF THE SPECIFICATIONS AND TOLERANCES COMMITTEE		POSITIONS SUMMARY		
General Code		SMA	CWMA	NEWMA
310-1 V	G-S.1. Identification; Built-for-Purpose Software Based Devices, Table G-S-1., and Appendix D; Definition of Not-Built-for-Purpose Device			
<i>SMA Opposes this item and recommends that it be removed from the voting calendar.</i>		<u>Opposes - Not ready</u>	<u>Change to Informational</u>	<u>Change to Informational</u>
Rationale: Based on the results of the S&T Committee's request to poll the Weighing Sector Members, there appears to be no clear consensus that this is ready to be a voting item.				
Scale Code		SMA	CWMA	NEWMA
320-1 V	S.1.12. Manual Gross Weight Entries and UR.3.9. Use of Manual Gross Weight Entries			
<i>SMA Opposes this item.</i>		<u>Opposes - Not Technically Correct</u>	<u>Change to Informational</u>	<u>Change to Informational</u>
SMA believes that there is a technical problem with the wording of the first sentence of S.1.12. You cannot have the scale at gross load zero and at net zero at the same time. Additionally, SMA believes that the first sentence should be modified for clarity to add the term "when used for direct sale" .				
The revised first sentence should read "A device, when used for direct sale, shall accept an entry of a manual gross or net weight value only when the scale gross or net* weight indication is at zero."				
(Additional supporting comments. Devices used in Direct Sale applications are often used for the generation of Standard Pack Labels. In this application a product may be placed on the platter to determine the standard pack weight. This weight is then hand entered into the device. The proposal, as written, requires that this product be removed before the weight value can be entered. The SMA proposal permits continued use of this common practice.)				
320-3 V	S.6.4.3. Section Capacity Prefix and Table S.6.3.a. Marking Requirements			
<i>SMA supports this item.</i>		<u>Supports</u>	<u>Approved</u>	<u>Approved</u>
320-4 V	N.3.2 Field Standard Weight Carts			
<i>SMA has no position on this item.</i>		<u>No Position</u>		
320-5 V	N.1.5. Discrimination Test			
<i>SMA supports this item.</i>		<u>Supports</u>	<u>Approved</u>	<u>Approved</u>
320-6 V	Table 3 Parameters for Accuracy Classes; Footnote 5 Grain Hopper Scales			
<i>SMA opposes this item.</i>		<u>Opposes</u>	<u>Approved</u>	<u>Approved</u>
Rationale: It introduces another application into Table 3. SMA prefers Table 3 not to be used for application requirements.				
Automatic Weighing Systems Code		SMA	CWMA	NEWMA
324-1 V	Tentative Status of the Automatic Weighing Systems Code			
<i>SMA supports this item</i>		<u>Supports</u>	<u>Approved</u>	<u>Approved</u>

*Go to this link for full discussion of agenda items:
<http://ts.nist.gov/ts/htdocs/230/235/pub16-04.htm>*

NEW SMA MEMBER CATEGORIES ANNOUNCED



SMA is pleased to announce the formation of two new membership levels, Corresponding and Associate.

This announcement brings the SMA to three membership levels. Each level offers varying degrees of involvement allowing manufacturers to determine which one best suits your needs.

Every year committees within The National Conference On Weights and Measures vote on technical changes that affect how the products you manufacturer, repair, or service must function. The three SMA membership levels are designed to allow you to be informed of these changes, before they become effective, and permit you to select the amount of participation you would like to have in the development of these proposed changes.

Corresponding Membership – This new membership level is perfect for those companies that need to be aware of potential regulation changes affecting their business but do not want to be involved in the actual development process.

A Corresponding Membership carries a \$750 annual fee. For this small fee, you receive a copy of the SMA Technical Committee's meeting minutes. The meeting minutes include a description of the proposed change, background and committee discussions, and the final SMA position on the item. As a Corresponding Member your company name and a link to your Internet web site will be added to the SMA web site. This membership level does not include eligibility to attend SMA meetings, but does provide you with the comfort of being aware of potential changes that affect your business before they become a requirement.

Associate Membership – This new membership level is ideal for companies that want to be aware of potential regulation changes and want to better understand what the impact of these changes would be to their business. Participate in discussions on how to improve the regulation or why opposing the item will be in your company's best interest.

The Associate Membership carries a \$2500 annual fee. This modest fee provides you with all the benefits of a Corresponding Membership; plus, eligibility to attend all meetings and to participate in all Technical Committee discussions. In addition, the Associate Membership level will permit you to participate in and receive the results of membership surveys. These surveys include such items as current health care costs along with technical related surveys. This level of membership also includes participation in the SMA Conformity Assessment Program at regular membership prices. This new membership level does not include eligibility to participate in the voting process or to hold an officer or committee position, but does offer the most benefits at a cost lower than that of a regular membership.

Regular Membership – Before this announcement, this was the only membership level available. This membership level offers all of the benefits of an Associate Member level plus eligibility to hold an officer or committee membership position and vote on technical and business items.

For Regular Membership level dues and additional information please see the SMA web site or contact Bob Reinfried at the SMA Headquarters.

NEWS YOU CAN USE

In case you did not receive a paper copy of the latest NIST Weights and Measures Quarterly, it is available as a PDF document from the home page of the NIST Office of Weights and Measures at the following link: <http://ts.nist.gov/ts/htdocs/230/235/wmquarterly.pdf>.

Some items of particular importance to many members are summarized below:

NOW AVAILABLE - Audit Trail Device Security CD

Juana Williams, NIST/OWM, has announced that the long-awaited "[Audit Trail Device Security Computer Based-Training \(CBT\)](#)" CD-ROM will be available for free distribution by June 30, 2004. This self-directed training tool covers the role, benefits, and importance of audit trail device security. It also covers NIST Handbook 44 audit trail requirements. It includes three practice sessions on accessing audit trail information. If you are interested in obtaining a copy, please contact Michele Krebs by phone at 301-975-4004 or by e-mail at owm@nist.gov.

SMA Editor's Note: Those interested in Audit Trails may also be interested in obtaining a free copy of the SMA Standard "[Software Sealing Method of Access \(SMA SSM-1102\)](#)" which can be helpful in implementing Handbook 44 software sealing requirements. It is available from the SMA web site at <http://www.scalemanufacturers.org/Standards/SSM11-2002.pdf>.

Export Alert available as free service from Department of Commerce via NIST's National Center for Standards and Certification Information (NCSCI)

Those of you who export your products abroad should sign up for the "Export Alert" e-mail service. It provides U.S. industries sponsored by the Department of Commerce first notice of upcoming changes in foreign technical regulations that could affect your products. You can customize your alerts by country or countries of interest and/or industry sectors. The SMA Technical Committee works hard to not only identify and comment on these issues on behalf of member companies but it also relies on the inputs of member companies to alert them to issues of concern. This "Export Alert" service will give us all a leg up on emerging issues and give us all time to help influence official U.S. positions on them. Sign up by contacting NCSCI by phone at 301-975-4040 or by e-mail at ncsci@nist.gov.

Three SMA-Relevant Articles You Should Read

The May 2004 edition of the Weights and Measures Quarterly has three lengthy training articles that your people should read. They are:

["How to Apply Repeatability Tolerances" by Juana Williams.](#) This article continues her discussion from the February 2004 newsletter where she presented the differences between accuracy tolerances and repeatability tolerance.

["Testing the Maximum Span Load on a Vehicle Scale" by Rick Harshman.](#) This article answers inquiries from field inspection personnel regarding the application of Scale Code, UR.3.2.1 and its accompanying table entitled "Span Maximum Load".

["Markings and Tolerance Application for Weight Classifiers" by Steven Cook.](#) This article answers questions frequently received by NIST about the differences between normal rounding scales (weighing instruments) and weight classifying instruments. Its goal is to help inspectors identify the type and apply technically correct inspection and test procedures for these instruments.

There is much more information in the NIST Quarterly Newsletter. Get your own full copy at the link referred to at the beginning of this article.

SMA ANNUAL MEETING A GREAT SUCCESS

The SMA's 59th Annual Meeting convened at the Hilton Resort on Marco Island, Florida from Wednesday, April 21 to Friday, April 23, 2004. The abbreviated format, 3 vs. 4 days proved popular. The SMA Weights and Measures Liaison Committee was placed in suspension and its duties were assumed by the SMA Technical Committee. This streamlined the time and process required to discuss and develop SMA positions on issues of concern while not taking too much time from the busy schedules of our invited guests and members.



Dave Frieders, Chairman Elect of the NCWM presenting issues of interest to SMA members at the Annual Meeting.



Henry Oppermann answers a question at the Annual Meeting.

Members had an opportunity to directly hear and discuss the status of national and NTEP issues before the National Conference on Weights and Measures from NCWM Chairman Elect, Dave Frieders. Members also had an opportunity to directly hear and discuss the status of proposals and programs at the NIST Office of Weights and Measures from Henry Oppermann, the Chief of that division. Those attending the Technical Committee meeting also had an opportunity to interface directly with both officials as well as Richard Suiter, a key scale systems staff member of the Weights and Measures Division.

We were delighted to have in attendance the President and Vice-President of the International Society of Weighing and Measurement (ISWM), Chris Bagley and Steve Kendra, who were there to explore options for better cooperation and coordination between SMA and ISWM.



The Industry Round Table in progress at the Annual Meeting

An Industry Round Table was conducted and allowed the members to share their perceptions of the business climate and the problems that confront the industry. Additionally, companies that participated in the Employee Benefits Survey had the opportunity to discuss the status of benefits, problems and trends.

In the Technical Committee, a working group was approved to develop a USB Scale Standard. A Conformity Tester to assist in proper implementation of SMA's Serial Communications Standard was approved for deployment to the SMA Web Site. The final draft of SMA's new "Environmental Design Standard for Scales" was reviewed and should be approved by SMA and posted to the SMA Web Site by early July, 2004.



The SMA Technical Committee Meeting discusses proposed SMA Positions on issues before the National Conference on Weights and Measures.

The meeting was topped off with an outside reception and dinner where the weather was perfect and the guests were treated to a wonderful Florida sunset.



Members and Guests mingle at the SMA Annual Meeting Reception and Banquet and enjoy the fine "Chamber of Commerce" weather and sunset.