



*Published as an informational service to Owners and Engineers of Steel Water Storage Tanks by
TANK INDUSTRY CONSULTANTS, INC., P.O. Box 24359, Speedway, IN 46224, E. Crone Knoy, P.E., President
Speedway, IN 317/244-3221*Laurel, MD 301/880-4004*Houston, TX 713/789-0989*Hauppauge, NY 516/864-2507*

EDITOR'S CORNER

Professionalism - "Professional status, methods, character, or standards" (American Heritage Dictionary)

Here I go, bragging again. We recently conducted employee input sessions with our office personnel. When we asked our employees what they thought were TIC's strongest points, the answers were virtually the same -- the quality of the people, and the professional and honest way that business is conducted when dealing with employees, clients, and contractors.

It's easy to be self laudatory and pat ourselves on the back. Undeniably, how our employees perceive TIC® is important -- they are TIC. But equally important is how we as individuals and a company are perceived by our clients, the industry, and the community.

In today's ever-changing regulatory environment, we are constantly attending conferences, studying new regulations, and observing projects to best protect the interests of tank owners while treating the contractors fairly and keeping our consulting firm healthy. We do have good people. The combinations of experiences and education apparently have served you well. If we do stumble, please let us know.

As a small company, we try in our small way to leave this world a better place. Besides the industry-related activities which we support (AWWA, NACE, SSPC, SPFA, ASCE), we encourage our employees to further their education and to continually upgrade their skills. I have had the privilege of serving on the Board of Managers for my alma mater, Rose-Hulman Institute of Technology. Other staff members have served their local alumni groups, and we provide the opportunity for engineering students to do tank-related research as classroom projects.

As individuals, you will find our employees as Scout leaders, church board members, choir members, "Big Brothers" and involved in other community activities. Cindy and I are co-founders of a local affiliate of the Alliance for the Mentally Ill, and I am a member of the Board of Directors for the Indiana Alliance. TIC also publishes the newsletter for the Indianapolis Alliances.

Yes, I am proud that TANK INDUSTRY CONSULTANTS is made up of fine people, and that they are proud of our professional image. What pleases me even more is that throughout the industry, the individuals who make up TIC are gaining recognition as professionals in their own right. As one employee said, "We are family."

1990 AWWA ANNUAL CONFERENCE AND EXPOSITION

June 17 through 20 will find us at booth 760 and at several tank-related meetings in Cincinnati. We always look forward to seeing our old friends and making new ones. It is good to know that people do read this simple newsletter that we publish twice a year. Folks will invariably wave and say, "Got your TANK TALK®."

Bill Daugherty, Manager of our Laurel, MD office, will be speaking at 3:30 on June 18 concerning "Ultrasonic Testing of Welds and Material Defects."

NSF UPDATE

April 7, 1990 has passed, and people are still painting tanks. As this newsletter went to press, there were no coatings on the "approved list." How can this be? In a recently conducted independent survey, most state drinking water programs are still accepting the old USEPA or state agency product listing, and will continue to do so for a limited time before putting new regulations into place. The new regulations will then have a "grace period" for enforcement. My guess is that we will have a year to a year and a half before we will be required to use only coatings independently certified as complying with ANSI/NSF Standard 61.

The May 1990 issue of *Mainstream* gives a very good overview of the NSF standards for additives program. Please consult with your State Drinking Water Administrator before you act. This synopsis is not intended to be your specific guidelines, and may not apply in your locality.

LEAD UPDATE

Moving much faster than the drinking water standards is the regulation and enforcement of regulations concerning removal and disposal of lead and other hazardous material in coatings from structures. Tim Knoy spoke at the 3rd Annual SSPC Lead Paint Removal Symposium concerning a tank vacuum blasting project. He and Doc Reed returned to give us the news of the "Land-Ban," a regulation purportedly banning the disposal of lead or other deemed dangerously pigmented coating residue in even hazardous waste type landfills. Recycling and other options are being thrust upon us.

May we suggest that you plan to attend a special seminar of the Steel Structures Painting Council "Lead Paint Removal Update: Impact of Land-Ban and TCLP" on June 20 in Pittsburgh. On June 21, there will be a meeting of the SSPC Committee on Removal of Lead and Other Hazardous Paints. For information contact SSPC at 412/268-3326. If you can't go, we'll be there and will keep you posted.

SPEAKERS AVAILABLE ON MANY TOPICS

Hardly a week goes by that one of our staff is not giving a presentation before an industry group somewhere in the United States. These groups may vary in size from a couple of dozen at a local area water group to over 200 at a national conference. We receive no pay for these presentations, and accept these duties as part of our responsibility to the industry. Some of the titles which have been presented are:

- ◆ Operator Inspection of Tanks
- ◆ Seismic Considerations for Tanks
- ◆ Coating Systems for Tanks
- ◆ Maintenance Engineering for Steel Water Tanks
- ◆ Ultrasonic Flaw Detection of Welds in Tanks
- ◆ Periodic Inspection of Tanks
- ◆ Inspecting Cleaning and Coating Operations
- ◆ Cold Weather and Other Tank Operating Considerations
- ◆ Environmental Considerations for Tank Maintenance
- ◆ Corrosion in Water Storage Tanks
- ◆ The Impact of NSF Std. 61 on Tank Coating Systems
- ◆ Aesthetically Pleasing Water Tanks
- ◆ Inspecting New Tank Construction
- ◆ How Safe are Steel Tanks?
- ◆ Prioritizing Tank Maintenance Needs
- ◆ To Weld or Not to Weld? - That is the Question

If you need a presentation for an up-coming event, let us know. If it is economically feasible, we'll be happy to furnish one of our speakers.

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TANK TALK® MAILINGS

Some of you may not be on our regular mailing list, but as an AWWA Conference pre-registrant will receive the June 1990 TANK TALK. If tanks are not your thing and this clutters your mailbox, I apologize. Likewise, if you receive two June issues, you are on the list of conference attendees plus are on our regular mailing list. If you do not receive TANK TALK 15 in December of this year, you are probably not on our regular mailing list. If you want to be on the regular list, or wish to have your name removed from the mailing, please write or FAX (317/486-4708) your request to us.

SEISMIC REQUIREMENTS

Last fall's Northern California earthquake awakened us again to the fact that many areas of the U.S. are subject to earthquakes. Proposed changes to the AWWA D100 Standard will likely include the "new" seismic formulas outlined in the 1988 UBC (Uniform Building Code). Our suggestion is that in planning a new tank, you should determine if the local building code (UBC, BOCA, SBC, etc.) is more stringent than AWWA D100-84. If so, consideration should be given to utilizing these more stringent requirements --- **but beware** of the hybrid specification. You can't mix standards. For one of the best references on current trends in seismic design, write the Federal Emergency Management Agency (FEMA), P.O. Box 70274, Washington, DC 20024. Ask for "NEHRP Recommended Provisions for the Development of Seismic Regulations for New Buildings," Parts 1 and 2. (FEMA 95 and 96) Included with the books will be several maps showing seismic factors for all of the U.S., county by county. Some are even in color. Also ask for FEMA 99 which is a non-technical accompanying document. It is our understanding that the price is right -- free.

PROJECT OFFICE ESTABLISHED

To better serve our clients on Long Island, and in Southern New York and Northern New Jersey, we have opened a TANK INDUSTRY CONSULTANTS project management office at 200 Parkway Drive South, Hauppauge, NY 11788. Phone 516/864-2507. John Poulmentis, who has been with TIC® since October 1989 is heading up this client liaison office. John is a Mechanical Engineering graduate of New York Institute of Technology. Prior to climbing tanks, he was employed in the construction industry on Long Island and in NYC.