



Published as an informational service to Owners and Engineers of Steel Water Storage Tanks by
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EDITOR'S CORNER

I've almost done it! -- Published TANK TALK® on an every six months basis. This has always been my goal, and with this being the New Year, I decided that I should keep at least one of my resolutions. (I'd rather do this than clean my desk and office, anyway!) Here it is, 1988, and TIC® is well into its ninth year of existence.

The past 8½ years have gone quite rapidly. Never have I worked harder, had more fun, or felt as though I was doing anything more worthwhile. TIC has developed into a respected, nationwide engineering firm by meeting needs in the marketplace. TIC is truly a product of the American Free Enterprise System. When I responded to calls from tank owners, consulting engineers, and contractors during the fall of 1979, I had no idea of the scope of services which we would be offering concerning steel plate structures in so few years.

We have become generalists in tank engineering -- from foundation to final ball, and from design conception to dismantling and moving or scrapping. We have performed our services from coast to coast and border to border. A breakdown of our range of services follows:

- ▶ Maintenance Engineering (70%)
Prebid Inspections
Specifications & Contracts
Work In Process Inspections
- ▶ New Tank Services (15%)
Design & Specifications
Inspection
Contract Administration
- ▶ Seminars (5%)
- ▶ Design Services for Fabricators (5%)
- ▶ Expert Opinions, Witness, & Dispute Resolution (5%)

I cannot state too many times the pride that I have in our Field Technicians who came to us with experience in supervising crews performing work on steel plate structures. It is their industry experience which lets TIC personnel be known not as problem makers, but as problem solvers.

What separates TIC from the ordinary inspection organization is the engineering back-up that each of our technicians has at the end of a telephone line. Our technicians can talk to Greg

Howarth, Chemical Engineer, about coatings; Todd Moore, Structural Engineer, about structural aspects; and Steve Roetter, Engineering Manager, about contract administration. Doc Reed and I combined have 60 years experience in tank construction and maintenance to share with the organization. Mike Doolittle's practical experience and NACE International Coatings Inspector Certification training experiences are always available. Ed Knoy, who now heads up our East Coast activities, lends his 8 years experience to technicians and clients in the Mid-Atlantic States. The Southwest (Houston) area is bustling with several projects underway at this time when tank maintenance activities are at a standstill north of the "Mason-Dixon Line" during winter weather.

Our three centers of operations (Midwest, Southwest, and East Coast) seem to be working well in serving our clients effectively and efficiently.

August brought Bill Daugherty to our organization. He has a Civil Engineering degree from Rose-Hulman Institute of Technology. His background in construction and his quick wit have made him a welcome addition to the staff of TANK INDUSTRY CONSULTANTS, INC. -- "*The Professional Tank Design, Specification, and Inspection Service*".

COMMUNICATING

What is engineering? Engineering has been defined as the utilization of natural resources for the benefit of mankind. This means that not only must the engineer determine the optimum solution, but he/she must also implement it. To implement a solution, instructions must be communicated to the persons responsible for performing the work.

In our business, communication with the contractor is done by means of clear, concise specifications and drawings. Specifications cover the scope of work, the materials to be utilized, the items on which work is to be performed, the conditions under which the work may be performed, and the desired results to be attained. In addition, it is necessary to establish other contractual items such as when the work is to be done, how much the contractor is to be paid, and how the owner is to be protected from damages incurred by persons due to actions of the contractor.

