

STEPHEN W. MEIER, P.E., S.E.

Managing Principal Tank Industry Consultants

Education

- Bachelors of Science, Civil Engineering - Rose-Hulman Institute of Technology
- Master of Science, Civil Engineering - Cornell University

Professional Licenses and Certifications

- Registered Professional Engineer in 26 states and the District of Columbia
- Registered Structural Engineer in Illinois, California, Hawaii, Nevada, Oregon and Washington

Industry Leadership

- Chair, American Water Works Association (AWWA) Committee on Steel Elevated Tanks, Standpipes, and Reservoirs
- Member, AWWA D107 Committee for Composite Elevated Tanks for Water Storage
- Member, STI/Steel Plate Fabricators Association Subcommittee on Concrete Pedestal Tanks
- Member, American Concrete Institute Committee 371 on Concrete Pedestal Tanks
- Past Member, Committee 376 Concrete Structures for Refrigerated Liquefied Gas Containment

Years of Tank Experience: 41

Steve is noted as one of the leading experts for the design, construction, and rehabilitation of concrete and steel structures for storage systems, with specialized expertise in seismic design. He chairs the AWWA Steel Tank Committee. In this capacity he oversees all standards development and revision processes for all steel tank standards including:

- D100 Welded Carbon Steel Tanks for Water Storage
- D101 Inspection of Water Tanks and Related Facilities
- D102 Coating Steel Water-Storage Tanks
- D103 Factory-Coated Bolted Carbon Steel Tanks for Water Storage
- D104 Automatically Controlled, Impressed-Current Cathodic Protection for the Interior Submerged Surfaces of Steel Water Storage Tanks
- D106 Sacrificial Anode Cathodic Protection Systems for the Interior Submerged Surfaces of Steel Water Storage Tanks
- D108 Aluminum Dome Roofs for Water Storage Facilities

Steve also chairs the [*AWWA Steel Water-Storage Tanks*](#) Manual (M42). He was technical editor of the [*Steel Water Storage Tanks*](#) Handbook to advise water tank owners from the planning stages of tank construction through tank demolition.

Steve has served as structural engineer in responsible charge for numerous water storage, granular and cryogenic storage tank construction projects, as well as seismic design and retrofit projects. His design and seismic expertise is especially invaluable during the evaluation, design, specification, and construction phases of tank construction and seismic retrofits. Prior to joining Tank Industry Consultants, Steve spent more than 22 years with one of the nation's leading tank and vessel constructors. His professional emphasis during this time was on steel tanks, prestressed concrete containments, composite elevated tanks, cryogenic structures, structural steel frames, and abnormal loading conditions due to blast, projectile impact, thermal gradients, and seismic events.