

PATRICK J. BROWN, P.E.

Vice President - Engineering

Tank Industry Consultants

Education: Bachelor of Science, Chemical Engineering - Rose-Hulman Institute of Technology

Professional License: Indiana and Virginia Registered Professional Engineer

Industry Leadership

- Member, AWWA Standards Committee on Welded Carbon Steel Elevated Water Storage Tanks
- Chair, AWWA Tank Accessories Task Group
- Member, AWWA D107 Standard for Composite Elevated Tanks for Water Storage Committee
- Member, AWWA STAM Subcommittee – Steel Tank Asset Management Guide
- Alternate Representative, AWWA Standard D100 Welded Carbon Steel Tanks for Water Storage
- Alternate Representative, NFPA 22: Standard for Water Tanks for Private Fire Protection
- Alternate Representative, NFPA 25: Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems

Years of Tank Experience: 25

Patrick Brown has a wealth of experience in storage tank design and engineering, having **completed over 3,900 tank projects** in the last ten years of his career at TIC. Patrick's engineering expertise spans the gamut of tank engineering and inspection including new tank construction, repair and repainting of existing tanks, tank evaluations, tank demolition, and evaluation of existing tanks. These projects typically include surface preparation, coating methods, procedures, and types of coatings; sanitary upgrades; safety upgrades; structural repairs, and lead abatement with containment and environmental controls. Instead of reiterating already published AWWA standards, specifications prepared by Patrick are project specific, emphasizing critical or frequently overlooked aspects of the tank and clarifying those requirements in the standards that are necessary to obtain a high-quality and long-lasting product.