

# Fiberglass Reinforced Plastics Institute, Inc.

## Curriculum Vitae

### Gary L. Arthur – Executive Director and President



Gary Arthur is a second generation family member in the fiberglass industry, where his father is remembered as one of industry's founders since the mid 1950's. Gary's first shop floor assignment was in 1973 at age 14. With over 38 years professional industry experience, he has built a knowledge base from 15 years in equipment manufacturing, 8 on his own delivering independent consulting services as a manufacturer's representative supporting 9 fiberglass equipment suppliers plus over 25 overlapping years in fiberglass industry consulting and organization leadership. As family member, officer, owner and director of small companies, Gary has had direct hands-on involvement in most aspects related to day-to-day business operations in the fiberglass process equipment industry. Involvement with new equipment manufacturing ranges from R&D, marketing, cost estimating and sales through design, engineering, layout, laminating, fabrication, QA/QC and transportation. His experience with construction services and support for equipment in operation includes installation, field fabrication, condition assessment, maintenance planning and repairs plus alterations on many brands of equipment.

Gary was a partner and owner of Industry's first ASME accredited RTP-1 tank and vessel manufacturing operation in 1993, possessing stamp 001, where he is regarded as an industry leader bringing RTP-1 capabilities to market for over 32 years. He has been performing and managing field services beginning in 1988, with involvement in federal EPA and OSHA regulations since their initial development in the early 1990's. Gary has also been a state authorized tank inspector and working with several state agencies on implementation of aboveground storage tank installation and inspection regulations. In 2001, he earned recognition by the Composites Fabricators Association as a Certified Composites Technician.

Gary published the fiberglass industry's largest equipment failure research study in 1991, which provided an invaluable foundation for understanding bid, design and manufacturing variables as they relate to equipment longevity and premature failure. This discovery led to Gary working with a balanced group of industry representatives in 2003 and founding the Fiberglass Reinforced Plastics Institute, where he has been serving as Executive Director and President since inception. With help from two Boards plus hundreds of supporters, Gary is the architect of federally recognized industry certification practices aimed at helping assure equipment reliability in every fiber.



Gary's evolving personal participation in delivering supplier capabilities vetting and performance auditing across the United States and Canada since 2000 has further afforded him wide-ranging industry insight and vision. This involvement has included vetting dozens of diverse equipment manufacturers, repair operations and inspection firms, auditing equipment engineering, manufacturing, prestart up installations and mechanical integrity programs for hundreds of millions of dollars invested by owner/end users plus training and coaching hundreds of equipment engineers, inspectors and repair technicians. His experience has also been complemented by knowledge gained through working alongside of and touring many resin and reinforcement production and distribution facilities plus contracting directly with several materials testing laboratories throughout his career.

Gary has thousands of projects in his portfolio, affording him a very comprehensive industry and application background with extensive cradle to grave experience. Equipment categories include tanks, pressure vessels, process pipe, covers, ductwork, odor and air pollution control vessels, stacks plus chimney liners. Applications span the chlorine, die and pigment, pulp and paper, power, pharmaceutical, food, metal processing and plating, water and wastewater treatment, oil and gas plus other allied industries, occasionally encompassing UL, FM, FDA and NSF product compliance regulations. Through his teaching plus attending, presenting and publishing technical papers at engineering conferences, he has accumulated over 2,500 hours of continuing fiberglass industry education. Gary Arthur is acclaimed to be a fiberglass industry subject matter expert by many.