

Gerard J. Lynch

Overview

Gerard J. Lynch, P.E. has 20+ years creating innovative designs, implementing process improvement and solving business problems. Today, as the owner of a small consulting/technology firm he understands the delicate balance between quality, costs, and doing it right the first time. His interest in quality and process improvement began while serving aboard a US Navy Destroyer. Here he was introduced to the Navy's 3M personal qualification standards (PQS): Maintenance and Materials Management. As work center supervisor, Lynch managed the complete preventative maintenance system for a shipboard surface-to-surface ordinance system. After the Navy, Lynch started his engineering career in the offshore industry with McDermott International, New Orleans. McDermott, a world-class offshore construction company, fabricates the world's largest ocean production platforms. As lead equipment engineer for offshore projects, he worked at fabrication locations in: Abu Dhabi, France, The Philippines, Singapore, and Spain. For several years Lynch managed a 300-man maintenance and technical support group in Dubai, United Arab Emirates. Returning to New York, Lynch joined a consulting group M. Rosenblatt & Sons as a Senior Engineer. Design for manufacturing in a shipyard environment was the goal. He worked on US Navy and oceanographic survey ship programs. Determined to return to a hands on manufacturing environment, he found new opportunities in NJ. Lynch joined Hayward Industrial Products, Inc. as the Manager of Engineering and Quality (1987-1999). During Lynch's time at Hayward, he updated Hayward's engineering capabilities, launched new products, managed their TQM initiative and led the company to the successful achievement of ISO 9001 registration. His most notable achievement was the launch of a new venture "Hayward Filtration Group" as Business Manager. Today, their worldwide revenues exceed \$100MM.

Mr. Lynch acquired Sigma Design Company in 1999. Sigma has 40+ years of experience in manufacturing support, engineering design, technology consulting, creating new products and specialty machinery for manufacturing clients.

Industry experience includes: aerospace, automotive, consumer durable goods, electronic, environmental, welded fabrication, filtration and water treatment, food processing, industrial equipment and machinery, job shops, pharmaceutical, medical devices, and shipbuilding/marine.

Accomplishments

- Experienced Business Manager with P&L Responsibility. Successfully Established Manufacturing New Ventures.
- Managed TQM initiative and led Hayward to the successful achievement of ISO 9001 registration.
- Implemented PM program at McDermott International and reduced a \$5.0MM annual maintenance budget by 60%
- Designed hundreds of quick change tooling/gages in support of Pratt & Whitney's SMED Lean Program.
- Developed And Implemented New Computer Aided Design (CAD) And Information Technology Systems Resulting In Significant New Product Process Improvements
- Responsible For The Design & Successful Launches Of Innovative Technical New Products.
- Experience With Patents, Trademarks, Mergers, Acquisitions, And Technology Transfer.
- International Experience In Engineering Projects, Marketing & New Product Management
- Proven Track Record for Implementing Business Solutions Across Organizational Barriers.

Education and Credentials

Lynch is a licensed professional engineer (P.E.) in NY and NJ. He has authored numerous articles regarding design and industrial filtration. He holds several US patents utilizing specialized technology. He is on the Board of Directors of the American Filtration & Separation Society and is active in the Mid Atlantic Chapter. Other affiliations include SME, ASME, SNAME, and Stevens Institute of Technology Pharmaceutical and Medical Device Clubs. Lynch serves on the Middlesex College Engineering Advisory Board. Mr. Lynch also writes technical articles and is on the Technical Advisory Board of "Filtration News", an industrial trade magazine.

He completed his BS in Engineering at the State University of New York @ Stony Brook. And holds a MS in Business Management from Stevens Institute of Technology, NJ. Continuing education include: Automated PM Systems, Design for Manufacturing, TQM – Root Cause Analysis, RAB Accredited Internal Auditing for ISO 9001, and NIST Lean Manufacturing Accreditation Courses including: 5S, Quick Changeover (SMED), Value Stream Mapping, Cellular Design, Pull/Kanban Systems, Office / Administrative Lean, and TPM.

Mr. LYNCH IS A NIST CERTIFIED LEAN PRACTITIONER