



Robert J Rohner

701 N Elm Street, West Liberty, IA 52776

(319)627-4574

Cell (319)331-5135
rohnereng@aol.com

Executive Profile

Thirty years of manufacturing and engineering experience. Learned from the ground up as a machine operator, combat sergeant, maintenance man, plant engineer, design engineer, and founder of a mid-sized manufacturing company. A hands-on, multi-functional, decisive, and results orientated manager accustomed to operating in diverse technical environments. A firm believer in employee training, worth, and self esteem. BSME MBA

Professional Experience: Operations

President Rohner Machine Works, West Liberty, IA 1982 - Present

Key Achievements:

- Retooled and modernized production machining facilities.
- Designed and installed anodizing and phosphating lines.
- Established alternate manufacturing means for line critical parts.
- Created growth positions and trained personnel when necessary.
- Functioned as a design engineer to my own and other companies.
- Installed a highly flexible production planning and coordination system.
- Instituted a strong safety plan dramatically lowering compensation costs.
- Taught classes in basic math and all aspects of shop technology.
- Eliminated quality problems by implementing statistical process controls.
- Documented and computerized all facility maintenance requirements.

Major Responsibilities:

- Specify and purchase all tooling, machinery, and equipment.
- Hire and train supervisors, schedulers, programmers, and office staff.
- Maintain customer relations, sales, promotions, and quotations.
- Set machine hour rates, production capabilities, and quality standards.
- Create and maintain commercial and military specification library.
- Manage all accounting, purchasing, and engineering functions.
- Coordinate activities between all departments and settle disputes.
- Promote team and employee loyalty through compensation and benefits.

Results:

- Business grew to over a hundred employees with sales of six million dollars in actual machine time. The physical plant grew to 51,000 sq-ft.
- We became a major supplier of quality machined parts, assemblies, and prototypes, to Deere, Case, IHC, Viking, Trane, Chrysler, Caterpillar, Ford, and the US Military. Each market serviced was widely different in production requirements and specifications. Customer satisfaction led to more work and numerous quality and on-time delivery awards.
- The plant functioned smoothly with little conflict. Problems were identified and resolved quickly. Employee self esteem and value to the company rose as mutual trust developed.

Professional Experience: Engineering Projects

Project Engineer Pantech Incorporated, Chicago, IL 1992-2000
Designed and built large scale prototype 3d scanning cameras

- Interface 3 axis PLC controlled servos into complex high speed motions
- Specify and outsource lenticular and other specialty materials
- Design and build extremely smooth rotary and transverse carriages.
- Analyze acceleration timing and steady state motion parameters.
- Scratch build 11 x 14 scanning cameras with rotary film plane

Project Engineer Rohner Engine and Other Joint Efforts 1979 – 2011
Designed and built the first new generation Papp Plasma Engines

- Coordinated all scientific and engineering activity involved with this effort
- Overall mechanical and electrical design of the engine
- High speed dry sealing of the inert gasses
- Construction of the thorium - rubidium anode containers
- Construction of tungsten – tantalum electrodes
- Winding of the large cylinder wrapping coils and capacitors
- Solid state high speed switching and photo-optic engine controls
- Construction of heavy duty oil less aluminum short blocks
- Construction of upper sealed plasma chambers
- Mounting and calibration of the dynamometer and testing
- A full list of Corporate names, dates, and involvement is available

Board of Directors Clean Energy Incorporated, Palo Alto, CA 2003 – 2008
Helped assembled an international team of scientists and investors.

- Built new and technically updated Papp equipment for testing.
- Research, Development, and Promotions of Papp Fusion Process.
- Aid Scientific staff in recreating and verifying original parameters

Education

Masters in Business Administration, Executive Program
University of Iowa, Iowa City IA

B.S. in Mechanical Engineering, Magna Cum Laude
University of Missouri, Rolla, MO (Missouri School of Mines)

Professional Development Courses: Accounting and payroll; Machine hour rate and cost estimating; Statistical process control; CNC, PLC, and Basic computer programming; GE and Fanuc control maintenance and repair; Circuit board design; Microsoft Office.

Currently completing six sigma green belt and lean six sigma courses. Goal to complete six sigma black belt and obtain six sigma master certificate by early 2008.

Community Involvement

- Served on the West Liberty City Council
- Advisor to the community development commission
- Tau Beta Pi and Pi Tau Sigma (Engineering Honoraries)