

TIM WARD

Portfolio: www.leanmfg.com

801-484-4712

tim.w.resume@leanmfg.com

Accomplishments

- Increased operating profit by 500% and plant throughput (revenue produced by sales) by over 100% in 3 years without increasing plant size for cleaning equipment company.
- Increased plant throughput by 260% while finding more than 40% of production floor space and reducing high volume items replenishment times from 10 days to 3 days for diamond drill bit company.
- Decreased both throughput time & WIP inventories by 50% for custom kitchen cabinet plant in 2 1/2 months.
- Absorbed 300% increase in orders, reduced space 45%, reduced personnel 28% as manager of architectural signage operation.
- Wrote www.leanmfg.com to teach organization-wide, process diagnostics and repair. Used it to teach 165 College of Business students to turn around real organizations applying process improvement tools. Student projects:
 - 25% profitability increase at Chinese Restaurant in 1 month.
 - Fastest ever commercial real estate loan rate lock down from 45 to 34 days.
 - 37% increase in average monthly revenue for scrap book publisher
 - Order fulfillment time dropped from 3 to 1 1/2 weeks for emergency food storage and camping equipment firm.
- Decreased the time between when a researcher for a natural food-supplements firm discloses an initial marketable idea to the firm's General Consul and when the General Consul applies for a Provisional Patent to develop it from 2+ years to less than 8 weeks.
- In 5 weeks, decreased receiving-dock-to-ready-for-payment throughput time for receiving documents from 60-90 days down to 5-7 days for a cleaning equipment firm.
- Managed profitable architectural signage workshop employing entry-level workers of very diverse abilities and national origins. Taught skills for present & future careers. Trained disabled employee in systems design who was successfully out-placed and subsequently promoted 3 times in 6 weeks.
- Fabricated & commissioned production test stand for electric motor armatures.
- Designed test fixture to calibrate the crystalline structure resolution, in Angstroms, of a 2 inch high by 1/2 inch wide stream of neutrons.
- Fabricated prototype Computer Aided Manufacturing (CAM) robots including 1) a storage/retrieval robot, 2) a central-production-cell, Pick-and-Place robot and 3) about a third of a polar-coordinates Computer-Numerically-Controlled milling machine.

Strengths

- Able to generate alternate tactics and creative routes to desired objectives.
- Consistently spot the relevant patterns and issues in any given scenario and create alternative ways to proceed.
- Able to spot the links and reasons between seemingly unrelated phenomena.
- Desire to learn and pursue continuous improvement.
- Adept at dealing with problems: good at figuring out what is wrong and resolving it.

Experience

- *Lean Manufacturing Consultant* - Manufacturing Consulting Services, Salt Lake City, UT
 - General Consul of unnamed food supplements firm (non-disclosure), Davis Co, UT
 - Woodcraft Mill and Cabinets, Salt Lake City, UT
 - Cleaning Equipment Company (unnamed due to non-disclosure), Salt Lake City, UT
 - Pool Cover Specialist, South Jordan, UT
 - Chemical Plant (Unnamed due to non-disclosure), Salt Lake City, UT
 - Boart Longyear, Inc, Salt Lake City, UT
 - Designer Marble, Orem, UT
- *Adjunct Professor of Operations Management* - University of Utah, Salt Lake City, UT
- *Adjunct Professor of Entrepreneurial Operations Management* - Westminster College, Salt Lake City, UT
- *Adjunct Professor of Project Management* - Weber State University, Layton, UT
- *Plant Engineer* - Utah Plastics Group, Salt Lake City, UT
- *Executive Analyst* - George S. May Intl., Chicago, IL
- *Instrumentation Engineer* - KHI Engineering, Salt Lake City, UT
- *Sign Fabrication Shop Manager* - Deseret Industries Manufacturing, Salt Lake City, UT
- *Manufacturing Systems Designer* - Deseret Industries Manufacturing, Salt Lake City, UT
- *Chief Operations Officer* - Intercon Trading Company, Salt Lake City, UT
- *General Machinist and Mechanical Designer* - Automatics Company, Beaumont, CA

Education

- Master of Business Administration, Production and Operations Management, University of Utah, Salt Lake City, UT
- Bachelor of Science, Production and Operations Management, University of Utah, Salt Lake City, UT

Additional Training

- 2.5 of 4-year Mechanical Engineering Bachelor of Science, Brigham Young University, Provo, UT & University of Utah, Salt Lake City, UT
- Six Sigma Black Belt, Brigham Young University (Six Sigma is a statistically-based set of process improvement tools.)