

LOUIS G. AMES

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ENGINEERING EXECUTIVE

Metals Industry ~ Engineering ~ Manufacturing

Multi-dimensional hands-on business professional providing leadership, vision, creativity, and business acumen in driving and managing business growth. Skilled in relationship building, metals, engineering, and manufacturing line management. Accomplished in planning and executing projects from concept through production, with strong troubleshooting and problem resolution skills. Highly organized and detail oriented. Demonstrating broad strengths and accomplishments in:

Strategic Planning
New Business Development
Business Management
Lean Manufacturing
P & L Responsibility
Production Management
Plants & Facilities

Project Management
Quality Management
Product/Process Design
Engineering Management
Training/Education
Financial Management
Manufacturing Techniques

Staff Management & Development
Crisis Management
Troubleshooting/Problem Solving
Contract Negotiations
Customer/Vendor Liaison
Marketing & Sales
Leadership/Motivation

*Twenty-seven years of experience in general management with progressively responsible management and technical positions. Adept at improving products and processes, and operational effectiveness with bottom-line results.
~ Operations Management/Lean Manufacturing/Engineering/Metals Industry ~*

PROFESSIONAL EXPERIENCE – General Management/Operations/Sales

NEW JERSEY COMPUTER SCIENCE INSTITUTE, Newark, NJ

NJCSI is an accredited post secondary vocational educational facility providing authorized instructor-led and hands-on IT training for the profit market. NJCSI is operated locally under the auspices of the NJ Department of Education and federally under the ASSCST. The organization employs 75-100 staff, maintains a 35% New Jersey market share selling services to the corporate and general population, and ranks among the top 20 private for profit training centers within the state.

Director of Operations & Training 2011 – 2022

Recruited to oversee daily operations of educational institute with full P&L responsibility for operations, maintenance, facilities, placement, corporate training and purchasing departments. Extensive knowledge of networks, Internet, database systems and programming processes.

- Recommended, acquired, and implemented software, hardware, and all IT equipment for the institution.
- Provided leadership and strategic direction for organization with emphasis on leading edge technology.
- Reported directly to the President implementing set agendas and achieving tactical/strategic goals.
- Authored and implemented overall budget ensuring business objectives were achieved on a timely basis.
- Hired, evaluated, and mentored staff providing needed training and necessary staff changes.
- Instituted new consulting division with full P&L responsibility for sales, marketing, and IT installations at all customer sites.
- Identified and assessed operational concerns taking corrective actions when necessary
- Introduced new technologies and innovations while increasing alliances and enrollment by 150%, resulting in doubling sales figures.

PROFESSIONAL EXPERIENCE – Engineering Management/Technical Operations

GAMMA METALS INC., Jersey City, NJ

Gamma Metals is the world leader in the development, manufacturing and sales of innovative materials used in the electronic assembly process with revenues of \$130M annually. Clients include IBM, COMPAQ, Motorola, Seagate, Conner, and the automotive industry.

Manufacturing/Key Manager 2000 - 2011

- Oversaw the production and distribution of solder paste and powder to domestic/international divisions.
- Project managed a myriad projects within budgetary restrictions achieving corporate growth.
- Extensive knowledge and demonstrated experience of manufacturing, testing, regulatory and quality operational issues associated with worldwide distribution.
- Authored and oversaw departmental budget.
- Liaison with domestic/international sales and marketing staff to improve overall product performance through modifications.
- Increased sales by 200% and reduced manufacturing downtime by 45% by introducing statistical process controls.
- Increased product shipments by 300%, reduced network by 75%, and implemented JIT by testing to improve manufacturing techniques/production processes.

- Increased production output by 87% while gaining Union/Teamster acceptance and contract ratification by expanding weekly operation shifts.
- Graduate of *Corporate Quality Improvement Process* and instituted this process in preparation of ISO 9000 certification.

MEDICAL TECHNOLOGIES INC., Rahway, NJ

Medical Technologies, a start-up medical device (pulmonary and respiratory products) and consulting firm, with approximately 50 staff and \$5M in annual sales.

Director of Manufacturing/Engineering 1995 - 2000

- Liaison with medical community and regulatory agencies.
- Senior staff member formulating key tactical and strategic programs impacting company operations.
- Led multidisciplinary teams responsible for product design, marketing, and manufacturing.
- Hired, trained, and motivated engineering staff forming a cohesive approach to the product development process.
- Improved current operational procedures to speed the documentation of medical device procedures to gain design, manufacturing, and packaging approval within 90 days.
- Managed full project life cycle bringing a new product from design to manufacturing.
- Increased sales from \$175K to \$2.5M over four fiscal years by designing precision electronic/mechanical, durable medical equipment while creating manufacturing facility 2 months ahead of schedule and 15% under budget.

ELECTRO-CATHETER TECHNOLOGIES, Linden, NJ

Company designed, manufactured, marketed, and sold adult and pediatric cardiovascular catheters employing 250 staff, with 2 production plants, and \$25M in annual revenues. Ranked among the top 25 cardiovascular catheter firms in the country.

Vice President of Operations 1993 – 1995

Hired to institute ME department and facilitate the smooth transition of products from R&D to manufacturing.

- Key player closely working with suppliers to ensure subassemblies and components meet engineering, quality, and delivery standards.
- Investigated strategic alliances and partnerships enhancing capabilities of engineering/manufacturing efforts improving product line.
- Reduced transition time from R&D to manufacturing by 80%.
- Saved \$200K in materials/assembly time within first two fiscal years by introducing 15-second ultrasonic welding cycle.
- Completed facilities by 10+% under budget for new products while increasing production.

BECTON DICKINSON & COMPANY, Rochelle Park, NJ**Division Senior Engineer** 1990 – 1993**SECON METALS INC.,** White Plains, NY**Production/White Room Lead Engineer** 1985 – 1990**EDUCATION**

MONMOUTH UNIVERSITY, Long Branch, NJ

Master of Business Administration – Finance ~ Ongoing

MANHATTAN COLLEGE, Riverdale, NY

Bachelor of Science – Mechanical Engineering (BSME)

TRAINING

Total Quality Management (TQM) ~ Phillip Crosby Associates

Strategic Planning & Financial Analysis ~ American Management Association

Interactive Management & Stop Program ~ Dupont Corporation

CERTIFICATIONS

Adobe Certified Expert ~ Photoshop (ACE)

AutoDesk Certified Instructor

MCSE ~ NT 4.0 & MCT-NT 4.0

COMPUTER SKILLS

Microsoft Office (Word, Excel, PowerPoint, Access), AutoCAD, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Web Design, E-mail and Internet, and accounting software packages.

Ability to identify computer components, procure, build, and troubleshoot computer systems.