

Scott Gregory Harris

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Production Planning Manager and Operations Executive with over 30 years of experience offering production management expertise across fast-paced manufacturing environments. Creative problem-solver with a demonstrated history of developing innovative processes and procedures that optimize operational efficiencies, minimize costs, improve quality, and increase market competitiveness. Leads projects from concept to execution throughout manufacturing plants by leading cross functional teams, identifying root causes, and making data-driven decisions that align with requirements and objectives.

Expert in bridging engineering performance gaps to complete production interests, driving process improvement initiatives, and leveraging complex programming and tooling concepts. Possesses exceptional organizational, communication, and time management skills and holds a proven ability to lead and collaborate with inter-department leaders to enhance productivity and ensure timely project completion. Able to design and deliver diverse, innovative, and revolutionary solutions by collaborating with inventors, scientists, engineers, and product developers across medical device, aerospace, manufacturing and other industries.

Core Competencies

- Production Planning & Scheduling
- Line / Technical Engineering
- Cost Reduction & Containment
- Process Design & Automation
- Quality Control & Assurance
- Project Management
- Regulatory Compliance
- Machining & Tooling Expertise
- Team Building & Leadership
- Lean Manufacturing
- Customer Service
- Risk Management
- Resource Management
- Business Development Management

PROFESSIONAL EXPERIENCE

Trelleborg | Value Stream Supervisor | Louisville, CO | 2018–2020

- Optimized efficiencies for new product introduction, equipment, materials, and labor by implementing advanced engineering and manufacturing technologies, strategies, and systems
 - Improved quality by recommending an automated inspection solution instead of manual visual inspection system
 - Established turnkey production line that included robotics and inspection, increasing production by 400%
 - Introduced larger diameter capacity to machine tools that standardized prep size, minimizing material prep by 25%
- Led a high-performing team of 45-60+ employees while managing schedules and quoting to achieve production sales of \$20.4M
- Directed a cross-functional team to initiate job scanning mechanism aimed at improving OTD, schedule, and job visibility to level load and prioritize machines prior to fixing ERP (Enterprise Resource Management) system
- Enhanced OTD from \$1.7M in revenue for late orders and 500+ jobs to \$28K in revenue and 9 jobs in 18 months
- Gained efficiencies by consolidating cross-trained staff, hiring new employees, and training associates across the organization at varying levels, achieving 2-year average growth of approximately 20% in customer order revenue

- Negotiated and deployed an automated combined storage Kanban system for all company departments to centralize tooling, fixtures, gages, and inspection equipment in a software and storage system tied to ERP
- Led a cross-functional team that developed a special semi-automated quality and manufacturing cell; lessened staffing costs and improved output, increasing key accounts by 30% within medical devices industry to meet customer demand
- Ensured compliance with requirements and industry standards by developing employee training guides and a matrix, standardizing work policies and instructions, and establishing performance management procedures
- Recognized as change agent for identifying and acting key growth opportunities, promoting vision and path to manufacturing excellence, and appropriately escalating issues to senior management, factory managers, and manufacturing teams

Multisource Manufacturing | Manufacturing Engineering Manager | Lafayette, CO | 2011 – 2017

- Partnered with inventors, scientists, medical device engineers, aerospace engineers, and commercial product developers across North America to develop and implement cutting-edge manufacturing solutions
- Implemented process improvements to reduce operations time, cost reductions, and productivity optimization through risk analysis, lean methods (5S, Kaizen events, SMED, Kanban), value streams, and one-piece flow techniques
- Reverse engineered and developed manufacturing strategies for the medical device and Aerospace industries
- Designed and modified materials and processes, improved production techniques, and developed test procedures, including developing high-end solutions for navigated brain and spinal surgical instruments and supporting equipment; leveraged Kanban system to handle 400+ part numbers of medical device assemblies
- Collaborated with key service providers and suppliers to define the company's MRO and tooling needs, ultimately decreasing costs by 11% and reducing lead times
- Delivered strategic guidance and training to cross-functional employees for all engineering projects to complete lean activities, implement process improvements, and execute developmental projects with clients and inventors
- Identified growth opportunities and increased competitiveness by reaching new industries; implemented field action plans and facilitated penetration, remaining in line with organizational objectives

Advanced Machining | Business Development Engineer, Project Manager | Longmont, CO | 2010 – 2011

- Determined and communicated on-the-fly project estimations and engineering solutions for prototypes and production services to penetrate high-end technology and manufacturing firms and close new business
- Spearheaded process improvement across the organization by identifying opportunities for improvement, establishing technology enhancements, and implementing best practices for manufacturing
- Optimized and maintained machining schedule and strategical set and planning department goals and protocols to:
 - Increase OTD from 37% (with 500+ late WIP at a value of approximately \$1.2M) to 97%+ in 14 months
 - Fuel annual production from \$1.5M to \$5M to increase LAR (Lot Acceptance Rates) from 65% to 97%+
- Advised on DFM, DFA, and DFQ development for manufacturing and engineering excellence services to improve company's hold on key clients in complicated, high-value markets to decrease costs and increase market share

Longmont Machining | Production Manager, Sales Engineer Manager | Longmont, CO | 2008 – July 2010

- Selected by executive leadership to lead underutilized, underperforming, multi-site production team; implemented lean processes and manufacturing concepts to transform the team into the most profitable team with 100% OTD

- Promoted to lead all production teams to increase throughput, OTD, profitability, and performance; used lean methods (SMED and 5S) to increase output, boost performance, and exceed set goals
- Managed business development and sales engineering functions to expand market share and create business strategy with medical, aerospace, and arms industries, medical, ultimately driving business growth by 40%
- Cultivated partnerships for contract manufacturer involved in prototype and high-volume production for alternative energy, healthcare, arms, government, and automation-based industries
- Analyzed data to recommended service and product enhancements that improved sales potential and customer satisfaction

ADDITIONAL PROFESSIONAL EXPERIENCE

St. Vrain Manufacturing | CNC Machinist | Longmont, CO | 2007 – 2008

Dietrich Standard | CNC Machinist | Niwot, CO | 2007 – 2008

Tangent Manufacturing/Manufacturing Solutions | Owner, Sales Lead | Longmont, CO | 2003 – 2005

PTA Corp | Tooling Manager | Niwot, CO | 1999 – 2003

TECHNICAL SKILLS

Methodologies and Systems: Kanban, Kaizen Events, Fishbone Diagram, 5 Why's, 8D Root Cause Analysis, 5S, 6S, Value Stream Mapping (VSM), 8 Wastes, TWI, One-piece Flow, Single-Minute Exchange of Dies (SMED), Geometric Dimensioning and Tolerancing (GD&T), Material Requirements Planning (MRP), Enterprise Resource Planning (ERP), Syteline, Oracle, JDE, Qualtrax

Technical Tools & Programming: Mastercam, Solidworks, BobCad, G-Code, M-code, Mastercam, Microsoft Office Suite

Manufacturing & Operations: Sales & Operations Execution (SO&E), Sales & Operations Planning (S&OP), Mechanical Computer Aided Manufacturing (MCAM), Design for Assembly (DFA), Design for Manufacturability (DFM), Installation Qualification (IQ), Operational Qualification (OQ), Performance Qualification (PQ), JIT, Takt Time

Quality Management Skills: ISO 2001:2008, ISO AS9100 rev B, ISO 13485:2003 (Lead Auditor), DFQ (Design for Quality)

EDUCATION

Santa Ana Community College | California Apprenticeship Tool and Die Program

Cerritos College | Engineering and Design Coursework

Dale Carnegie | Management Training Coursework

Mountain States | Supervisor and Management Coursework