

# Scott Baugh

Sr. Manufacturing Engineer II at Zimmer Biomet

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## Summary

Manufacturing Engineer and Production/Operations Manager with nearly 20 years experience, goal driven, high-energy manufacturing professional, progressive experience in numerous manufacturing disciplines. Looking to join an organization where my experience and knowledge can be utilized effectively to benefit the company in a forward progressive manner. Utilizing a strong statistical background as well as an in-depth knowledge of process engineering and operations. Solid understanding of statistical tools and manufacturing methodologies. Quick study who seeks complexity and thrives on challenges. Analytical thinker able to evaluate situations, zero in on top priorities, create elegant solutions to complex problems, and achieve the objectives of all improvements and root cause analysis. Ability to think “Outside the Box” to solve the previously unsolvable. Constant professional when dealing to people for all levels.

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## Experience

### **Sr. Manufacturing Engineer at Zimmer Biomet**

July 2013 - Present (2 years 6 months)

Sr. Manufacturing Engineer II – Identify and install new technology in Production with AMO (Advanced Manufacturing Organization): 7/2013-Present # Complete compliance with all required training modules # Researched and Identified machine monitoring solutions(Piloted, Quoted and Sourced Solution) # Worked closely with IT to acquire Server space for data storage # Piloted several different solutions for MDC (Machine Data Collection) on CNC equipment # Selected solution which monitors the machine status using industry standard language (Fanuc Focas and MTConnect) # Assisted with equipment IQ's (Installation Qualifications) # Project management driven by DMAIC tools and procedures # Experience with FDA compliance # CAPA training complete

### **Production/Operations Manager at Industrial Electrical**

March 1998 - June 2013 (15 years 4 months)

Production/Operations Manager – Responsible for daily production and labor relations: 4/2011-6/2013 # Responsible for 16 direct Supervisors and Coordinators(3 Shifts) # Started position 4/11 with headcount of 237(Currently 300) # TIR (Total Incident Rate) rating of 2.5-2.9 for both years(Industry Standard is 5.5+) # Advisor/Facilitator on all “focus” improvement teams(safety, quality, cost reduce) Value Stream mapping to identify and eliminate wastes Calculate needed WIP to support “Build to Order” Identify process/step which the “Customer Values” # Handle all the labor issues with the Union/Bargaining Party # Responsible (Approve or Deny) for overall expenses in excess of \$35M per year # Introduced and implemented an employee gainshare program with full “buy” in from operators (Bonus of \$600 to \$1200 per operator per quarter) # Increased Effectivity (Operator Utilization) 8-10% points year over year Sr. Manufacturing

Engineer – 3/1998-4/2011 Overall Process control in Machining, Forge, Welding, Galvanizing, Stamping: # Capitol Planning and execution # Support Machining Department (Manual and CNC Machines) # Fixture Design and Programming(Mills and Lathes)Fanuc, Mazatrol, G/M code # Responsible for Quality and Process Performance(Poke Yokes to eliminate defects) # Completed several new products into plant from design to production Three phase switch from design, prototype to product launch (Castings/Stampings/Machining) New Pole Line Hardware (Design forge tooling, Part runoffs, Machine, Galvanize, Assemble) # Coordinated several product relocations per company goals (Mexico as well as state to state) # Initiated and completed capital improvement projects totaling over \$10 million Machining Centers (Quoting, Selection, Justification, AFE Submittal to Installation/Operation) Robotic Forge Operations over \$2M (Decreased Labor, Utility Reduction, Lead time reduction=\$800K/yr cost savings)

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## Skills & Expertise

**Design of Experiments**

**Lean Manufacturing**

**Minitab**

**Product Development**

**Continuous Improvement**

**Engineering**

**Six Sigma**

**FMEA**

**Root Cause Analysis**

**Process Improvement**

**Manufacturing**

**Kaizen**

**Quality System**

**Value Stream Mapping**

**Manufacturing Engineering**

**Manufacturing Operations Management**

**ISO**

**Medical Devices**

**DMAIC**

**Process Engineering**

**FDA**

**Kanban**

**Design for Manufacturing**

**Team Building**

**Manufacturing Operations**

**Project Management**

**Operations Management**

**Supply Chain Management**

**Industrial Engineering**

**Supply Chain**

**Engineering Management**  
**Leadership**  
**Operational Excellence**  
**Strategic Planning**  
**Supplier Quality**  
**Geometric Dimensioning & Tolerancing**  
**Cross-functional Team Leadership**  
**5S**  
**SAP**  
**GMP**  
**Mechanical Engineering**  
**Machining**  
**AutoCAD**  
**V&V**  
**Training**  
**Production Planning**  
**Injection Molding**  
**Project Planning**  
**Product Launch**  
**Materials Management**

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## Education

**University of Missouri-Columbia**

Bachelor's degree, Industrial Engineering, 1994

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[Contact Scott on LinkedIn](#)