

# HAROLD BECKLIN

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**Highly accomplished, multi-faceted Quality Engineer Professional with extensive experience encompassing process engineering, quality control, training and lean manufacturing**

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## SUMMARY OF QUALIFICATIONS

- Proven track record of dramatically improving production quality, efficiency, and profitability.
  - Collaborate with senior management, clients and vendors to effectively prioritize quality assurance activities and achieve defined objectives, corporate goals and production quality targets.
  - Consistently successful in delivering strong cost reductions, improved efficiencies and overall client satisfaction; demonstrate expertise in the implementation of cost-effective, cutting-edge lean manufacturing methodologies.
  - Solution-focused manager, aggressively tackling every task with a positive attitude and a sense of urgency; consistently able to deliver products of optimal quality, on time and on budget.
  - Committed to helping organizations achieve maximum benefit from their employee and material investment, through meticulous quality control, process optimization and procedure development.
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## PROFESSIONAL EXPERIENCE

PLASTIC OMNIUM, Duncan, SC

2008 - 2009

*European-owned and operated manufacturing plant for automotive auto exterior parts and body modules.*

### QUALITY ENGINEER / CONTRACTOR

- Served as member of quality/manufacturing assurance team, responsible for recommending, planning, and implementing optimization quality process in manufacturing/assembly of injection molded parts and painted assemblies..
- Provided expertise and lean manufacturing strategies to increase ROI and throughput.
- Consulted with manufacturing team to identify best practices for corrective actions, and developed documentation system to ensure accurate and timely updates.
- Identified and implemented quality optimization impacting three manufacturing lines, resulting in elimination of third party containment.
- Completed comprehensive time study to develop guidelines and procedures to define standard work and provide foundation for continuous improvement.

AIR SYSTEM COMPONENTS, Tarboro, NC

2008

*Market leading manufacturer of air system components for commercial and residential applications.*

### LEAN COORDINATOR INDUSTRIAL ENGINEER

- Held responsibility for increasing product quality, improving process flow, and reducing cost while maintaining / improving safety.
- Developed, evaluated, documented and enhanced manufacturing methods and processes through lean techniques and Kaizen events.

- Analyzed and reengineered production layouts; designed and integrated efficiency and quality improvement projects across production lines.
- Created cost models to support customer proposals and cost reduction initiatives.
- Achieved 40% increase in productivity, 90% quality improvement and reduced lead time by 60%.
- Redesigned floor layout, (one piece flow / pull system), resulting in 40% improvement in overall productivity while reducing required labor by 35%.
- Upgraded established preventive maintenance schedule, ensuring optimal equipment operations and minimizing production downtime.
- Significantly reduced waste and production time through implementation of Statistical Process Control (SPC) methodology.

BENTELER AUTOMOTIVE, Duncan, SC

2007 - 2008

*A manufacturer of automotive chassis, and system structures.*

### **PROCESS & QUALITY ENGINEER / CONTRACTOR**

- Reorganized production lines to meet customer requirements, and reduced costs by performing and analyzing time studies and implementing new training procedures.
- Redesigned floor layout, resulting in 25% improvement in overall productivity while reducing required manpower by 20%.
- Updated production line documentation to comply with TS 1649 and ISO requirements.

DRIVE AUTOMOTIVE, Piedmont, SC

2005 - 2007

*A manufacturing plant for automotive metal stamp parts and assembly of components.*

### **PROCESS / QUALITY IMPROVEMENT ENGINEER**

- Monitored and analyzed workflow, process, procedures, and line activities, with responsibility for identifying and resolving bottlenecks to maximize efficiency.
- Reduced cycle time through standard work instruction, process flow and time studies.
- Increased productivity through process analysis, motion study, material handling and time study of assembly lines.

SEEBER USA, Duncan, SC

2001 - 2005

*A manufacturing plant producing automotive injection molded exterior parts, finishing operation /paint line and component assembly lines. A tier one supplier to BMW Mercedes Benz and VW.*

### **PROCESS / QUALITY ENGINEER**

- Held responsibility for all aspects of product quality planning, FMEA, control plan and PAPP submission of all interior parts supplied to BMW.
- Performed data analysis, status reporting and team-based corrective action functions to achieve highest levels of product quality.
- Provided qualification approval of all products, processes and procedures.
- Secured first-time approval from BMW for parts submitted for process series.
- Played integral role in five Kaizen programs which resulted in company savings of \$2.6 million.
- Implemented S5 Program, and cellular manufacturing, including One Piece Flow, Poka-Yoke and SPC methods.

SAGEM, INC., Greenville, SC

2000 - 2001

*A manufacturer of automotive fuel injectors.*

### **QUALITY/PROCESS ENGINEER**

- Designed, built and implemented multiple work stations based on stand-up cell layout and one-piece flow work methods for final assembly.
  - Handled first-time quality and assembly for fuel injector lines in clean room environment.
  - Implemented real time defect tracking, root cause problem-solving and fail safe optical recognition system which reduced customer rejections from 30% to 1%.
  - Eliminated third party quality containment resulting in significant savings.
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### **ADDITIONAL EXPERIENCE**

NAVISTAR INTERNATIONAL, Conway, AR 1998 - 2000  
**FIRST TIME QUALITY (FTQ) / PROJECT ENGINEER**

IRVING AUTOMOTIVE PRODUCTS, Del Rio, TX 1996 – 1998  
**SENIOR INDUSTRIAL ENGINEER (QS 9000 CERTIFICATION)**

AUTO TRIM, INC. (MEXICO), Brownsville, TX 1993 - 1996  
**SENIOR PROGRAM ENGINEER**

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### **EDUCATION AND TRAINING**

NATHANIEL HAWTHORNE COLLEGE, Antrim, NH  
**BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING**

### **PROFESSIONAL DEVELOPMENT**

- Lean Manufacturing Certified – University of Kentucky
  - Six Sigma Green Belt Certified, Human Error Investigation, Logic of Failure, Operation and Facilities Design
  - Certified ISO 9000 and QS 9000 Lead Auditor
  - Engineering Economics, Ergonomics, Leather Training, Polyurethane Foam, Fundamental in Plastics and Processes, Plastics in Manufacturing, Composites, Polymerization and Alloying Chemistry, Metal Forming, Quality Control, Manufacturing Management, Just-In-Time Management
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### **TECHNICAL SKILLS**

- Windows, Word, Publisher, Visio, Excel, Project Management, Video Timer Pro/Line Balancing, Visio (CAD)