

# MICHAEL A. CAMPBELL

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## QUALIFICATIONS

*Results-oriented, analytical professional equipped with quality/engineering success, driving projects to successful completion on time.* Solid management capabilities with a consistent track record of anticipating consequences of new designs/processes and initiating solutions. Innate ability to identify projects that meet safety, productivity, process improvement and cost goals. Superb leadership in developing cross-functional teams that ensure effective results and sustain improvements. Ability to make decisions by picturing the end result and structuring a plan to get there.

## **BUSINESS/TECHNICAL SKILLS**

- Six Sigma Green Belt Certification
- Shainin Problem Solving Techniques
- Recognized for On Time, High Quality Work
- Recognized as Informal Technical Leader
- Leader of Cross Functional Teams
- Led Development of Quality Database
- Presented Database Capabilities to Senior Executives
- Ability to Conceptualize Process Changes
- Great Attention to Detail
- Developed Critical to Quality features
- Developed and Maintained ISO Procedures
- Lead Trainer – Quality Systems

## PROFESSIONAL EXPERIENCE

CHRYSLER, St. Louis, MO

*Mechanical Tool Engineer*

2007

- Drive quality production and continuous improvement processes in a methodical manner.

### Technical/Administrative Responsibilities

- Coordinate response of cross-functional teams regarding strategic quality improvement projects including scheduling and cost objectives.
- Schedule calibration of large equipment.
- Update department records database for equipment traceability.

### Management/Training/Liaison Responsibilities

- Manage the purchase and installation of equipment, assuring process was capable and sustainable.
- Work with equipment vendors to develop manufacturing processes which consistently met product specifications.
- Anticipate potential barriers and resolve before delays are created.

### Accomplishments

- Successfully managed the critical replacement parts process - required to maintain throughput of major process machinery.

*Quality Engineer*

1999-2007

### Technical/Administrative Responsibilities

- Directed internal Corporate Process Audit—multiple areas.
- Conducted defect analysis and identified root-cause of defects.
- Analyze new tooling trials and product evaluation requests from design engineering/vendors.

**PROFESSIONAL EXPERIENCE** (*Continued*)

CHRYSLER

*Quality Engineer (Continued)*

1999-2007

- Monitor, evaluate and document warranty data on a monthly basis. Determine effective root-cause analysis of warranty defects and report findings.
- Create, revise and maintain ISO procedures and Quality tracking database.

**Management/Training/Liaison Responsibilities**

- Serve as lead trainer on Quality tracking systems—practical problem-solving reports, warranty claim system, CSA system, federally mandated inspection training and ISO database training.
- Interface with supervisor and auditors concerning severity of defects and root-cause analysis.
- Present warranty data to department on a monthly basis.
- Assist in developing and presenting quality presentation to VP/Senior VP during plant visits.
- Daily interaction with onsite suppliers, evaluating product usage and critical to quality data points.

**Accomplishments**

- Streamlined and reduced Data Analysis time by leading the development of the Quality defect-tracking Access database, which replaced manual/standalone spreadsheets.
- Served as an integral part of team that lowered department warranty costs 52% and conditions 63% during a 4-year period by utilizing the tracking database and DART initiatives.

MAGNETEK, St. Louis, MO

1998 – 1999

*Applications Engineer*

- Responded to customer issues with root cause analysis and subsequent manufacturing revisions.
- Resolved various production issues as a member of cross functional teams.
- Visited customer's sites to evaluate production, materials, design and testing operations.

**Accomplishments**

- Revised design to eliminate extreme failure mode in field operation through end user site visit and subsequent life testing saving \$100K in warranty/opportunity costs.

EMERSON MOTOR CO. (*Division of Emerson Electric*), St. Louis, MO

1989 – 1998

*Applications Engineer*

- Designed and tested sample motors for customer applications.
- Engaged in monthly marketing planning sessions.
- Visited various plants to monitor specific production runs.
- Developed and approved specifications and Bill of Materials for production motors.
- Proficient in Unigraphics CAD program.

**Accomplishments**

- Standardized/Consolidated range of designs offered in specific motor design area saving \$20k in design time and manufacturing set up costs.

**EDUCATION**

SOUTHERN ILLINOIS UNIVERSITY, Edwardsville, IL

*Bachelor of Science in Electrical Engineering*, 1994

WESTMINSTER COLLEGE, Fulton, MO

*Bachelor of Fine Arts*, 1987***Additional Training:*** Warranty Information System eLearning, Error/Mistake Proofing, Statistical Process Control Application and Management, Problem Analysis.