

DAVID R. CALVERT

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SUMMARY OF QUALIFICATIONS

Over 20 years of progressively responsible experience in process quality engineering. Strong interpersonal and communication skills. Strong quantitative, analytical, and statistical skills; proficient in Minitab, Excel and other computer tools Working knowledge and implementation of Six Sigma, DMAIC, DOE, SPC, Hypothesis Testing, Regression studies and graphical presentation of data. Experienced mentor and teacher of statistics for Quality Engineers and new employees. Certifications include:

- ASQ Certified Six Sigma Black Belt
- ASQ Certified Quality Engineer
- ASQ Certified Reliability Engineer
- ASQ Certified Quality Auditor
- ASQ Certified Software Quality Engineer
- ASQ Certified Manager of Quality/Organizational Excellence
- RAB Certified QMS Provisional ISO 9001 2000 Auditor

PROFESSIONAL EXPERIENCE

Raytheon RMS, Tucson, Arizona 2007-current
Senior Quality Engineer II

- Provide Advanced Quality Engineering support for Research and Development programs
- Develop Quality Planning for Engineering Projects
- Provide Support for resolving Technical Problem Reports and Corrective Action

SAIC, Albuquerque, New Mexico ,Columbia, Maryland 2004-2007
Quality Assurance Manager, DAPS Project Quality Manager, Senior Process Measurement Engineer

- Provide CMMI and ISO 9001-2000 and Quality Engineering Support for DAPS and TS&S Business Unit
- Software Quality Support for Projects, ISO 12207, CDRL s Software development, Peer Reviews
- Provide CMMI and ISO 9001-2000 Support for DAPS and Business Unit
- Provide ISO 9001-2000 & CMMI Support ,Measurement &Analysis, Internal Audits for Depts. and Projects
- Develop Measurement Plans and Balanced Scoreboards, Perform survey and data analysis

TIME SOLUTIONS CORP., Albuquerque, New Mexico 2003-2004
Quality Management Consultant

- Provide ISO 9001-2000 and NQA-1 Integration for Clients
- Train and provide audit services and prepare e-learning for client Quality Management Systems
- Develop and train associates in ISO 9001-2000 Quality Management Systems and Process Mapping

THUNDER SCIENTIFIC CORP., Albuquerque, New Mexico 2001-2002
Acting Quality Manager

- Developed and deployed ISO 9001:2000 and ISO 17025 Calibration Quality Mgt. Systems.
- Interfaced with customer representatives regarding Quality system problems
- Trained associates in quality tools and techniques.
- Helped achieve NVLAP laboratory accreditation to ISO 17025.

HONEYWELL PSI/CES, Albuquerque, New Mexico; Phoenix, Arizona 2000-2001
Supplier Quality Engineer/Process Quality Engineer -Lead Auditor

- Resolved quality issues between Honeywell and suppliers.
- Implemented corrective action tracking system.
- Performed internal quality system audits: ISO 9001, AS9100 and ASCEP.
- Developed procedures/processes for internal audit program.

UPCO/BFG, Phoenix, Arizona 1998-2000
Supplier Quality Engineering/Development Manager, Process Quality Engineer

- Performed quality engineering support for ceramic initiator start-up program/PV.
- Prepared PPAP documentation (PFMEA, Control Plans, APQP), QS9000, and ISO 9001.
- Performed gage R&R, capability studies, DOE, design review, and corrective action.
- Developed and implemented supplier certification program.

COMPAQ COMPUTER CORPORATION, FS&O, Houston, Texas 1996-1998

Senior Quality Engineer

- Performed quality engineering function for support service of Compaq manufacturing.
- Performed quality planning for service providers and maintained ISO 9002 quality system.
- Developed vendor quality evaluation software requirements and supplier certification procedures.
- Quality project champion for printed circuit assembly process improvement and removable media.

SPECIAL DEVICES INC. (SDI), Mesa, Arizona 1993-1996

Senior Quality/Reliability Engineer

- Performed process, system audits, and trained inspectors in audit techniques and SPC.
- Performed FMEA, MTBF, and failure analysis on automotive initiator device for vehicle airbags.
- Performed SPC analysis, capability studies, DOE and gauge R&R studies, and 8D corrective actions.

HUGHES FSO, Herndon, Virginia 1989-1991

Senior Quality Engineer

- Implemented MIL-Q-9858 quality program for flight simulation *operations*.
- Performed contract reviews and developed quality plans and CDRLS.
- Leader/facilitator and trainer for corrective action teams and quality improvement process.
- Developed and implemented Cost of Quality program and tracking system

HERLEY MICROWAVE SYSTEMS, INC., Lancaster, Pennsylvania 1987

Quality Engineer

- Total quality engineering effort for transponders and microwave modules used in radar systems for Westinghouse, Boeing, and Northrop.
- Developed and implemented MIL-Q-9858 quality program.
- Implemented WS 6536 soldering program, ESD program, and failure analysis reporting system.
- Performed contract and design reviews and chaired Material Review Board.
- Performed internal audits and vendor surveys and acted as liaison between DCAS and customer.
- Managed quality department and supervised four inspectors and one technician during Quality Director's absence.

RCA GOVERNMENT COMMUNICATION SYSTEMS, Hanover, Maryland 1984-1986

Quality Control Leader

- Implemented MIL-Q-9858 quality program and developed audit program for in-process and final product.
- Developed and maintained reliability data reporting system for reliability engineering effort.

GENERAL INSTRUMENT, Amtote Systems, Hunt Valley, Maryland 1982-1984

Quality Control Specialist

- Verified that end item software met customer contractual requirements.
- Developed test scenarios for testing software applicable for racetracks, lottery systems, and prototypes.
- Developed and implemented software discrepancy reporting system for corrective action.
- Performed training for customer personnel in operating a real time/on-line computer system.

MARTIN MARIETTA, Baltimore, Maryland 1979-1982

Quality Control Engineer

- Responsible for quality control engineering from preproduction planning to final product acceptance for the G.E. fan reverser involving composites, sheet metal, and machine parts.
- Reviewed process control plans, tool drawings, and assembly drawings.
- Developed inspection instructions for first article and production parts. Performed testing of adhesives and composite materials.
- Maintained process quality in clean room environment for composites.

CONSULTING ASSIGNMENTS

- ITT Electro-Optical Products Division, Roanoke, Virginia -*Senior Supplier Quality Engineer, 1992* Liaison between suppliers and ITT for resolving quality-related problems for night vision systems.
- Battelle PNL, Richland, Washington - *Quality Engineer, 1991* Developed and wrote quality plans and performed training for DOD/DOE-related contracts involving robotics.
- Allied Aerospace, Baltimore, Maryland-*Senior Quality Engineer, 1988* Developed quality procedures for MIL-Q-9858 quality manual to meet Air Force audit requirements
- E-Systems, Falls Church, Virginia -*Procurement Quality Assurance Analyst, 1986-1987* Developed and implemented MIL-STD-1535 procurement quality system. Performed vendor surveys of printed wiring board manufacturers (per MIL-P-55 110).

EDUCATION and TRAINING

B.A. - Analytical Philosophy, Concentration: Philosophy of Science and Logic,

University of Maryland Baltimore County

Quality Engineer and Inspection courses, Catonsville Community College

U.S. Navy Electronics A School

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| • Graduate, GMQI (Crosby) Quality Improvement Process Management Course | • Fundamentals of Management for Quality Supervisors, Loyola College |
| • Software Quality Assurance for the Nuclear Industry, Washington State University | • Introduction to NQA-I DOE Quality Assurance Program Requirements for the Nuclear Facilities |
| • Introduction to CMMI (Capability Maturity Model Integration) SAIC-SEI | • Dale Carnegie Training |
| • Generic SCAMPI Appraisal Team Training | • New Mexico Quality Awards Examiner Training, Baldrige Criteria |

PROFESSIONAL AFFILIATIONS

Senior Member, American Society for Quality, served as Vice Chair of Phoenix Section 0704,

Past Member, Quality New Mexico and Awards Examiner (Baldrige),

Past Member Albuquerque Software Process Improvement Network

Member, International Society of Six Sigma Professionals, Member, International Quality Federation

Part-time faculty, Gateway Community College - Phoenix. Quality Control Technology

COMPUTER SKILLS

Proficient in Microsoft Office Suite, & Project, Minitab, Statistica, and Statgraphics,

Proquis Quality Management Software, All Clear Process Mapping

Robo Demo elearning author program Adobe Photo Shop, Photo Impact, Adobe Acrobat,

Camtasia Studio, Calibration Manager, Crystal Reports

PERSONAL ACTIVITIES

Amateur Radio Relay League (hold extra class amateur radio license)

First Marathon Running Group, San Francisco, 1999 , USTS Triathlon Series Baltimore, 1986