

# GORDON Wm. SPARKS, CQE - Sr. Quality Engineer

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13600 Redstone St Lathrop, CA 95330  
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gsparks@yahoo.com Sr. Quality Engineer for Medical Devices ASQ Certified Quality Engineer (since 1981) with over 20 years experience in the manufacturing environment.

- Solid understanding of GMP Medical Device specifications and standards, including, FDA QSR 21 CFR Part 820, ISO 9001:2000, ISO 13485:2003, QMS systems and QSIT audit process.

- Superior investigative and analytical skills solving complex supplier quality problems.

- Proven track record managing all aspects of domestic and international supplier, internal, and customer quality issues. This includes process validation review of both piece parts and finished goods.

- Extensive technical writing and presentation abilities. Proficient in Excel, Word, Publisher, Visio and PowerPoint.

Currently working as a real estate agent in the Central Valley. Sep 2004 to Present

Will relocate to the South SF Bay area at the beginning of 2007

EXPERIENCE ABBOTT LABS, Morgan Hill, California March 2003 to May 2003  
 Sr Supplier Quality Engineer (Contractor)

- Resolved open Supplier Corrective Action backlog

- Coordinated with Suppliers to determine true cause of discrepant material; internal or supplier.

PHILIPS MEDICAL SYSTEMS, Milpitas, California Jan 2000 to Jan 2003

Sr Supplier Quality Engineer

- Managed the supplier quality process for key components. Reviewed and accepted Process Validation and 1st Article Reports. SCARs were generated to document discrepancies. Responsible for resolution/verification/closure of all supplier related activities.

- Audited Manufacturing facility to FDA specification 21 CFR 820.181, Device Master Record and discovered shipments of discrepant piece parts. Internal CAPA was generated based on concise and complete report.

- Reviewed and accepted all applicable documentation/specification changes through the Engineering Change Control (ECO) process for Supplier Quality.

- Generated executive reports and management presentations based on supplier quality data analysis. AKT AMERICA, Santa Clara, California May 1999 to Nov 1999

Sr Quality Engineer (Contract)

- Dispositioned all discrepant Manufacturing material and coordinated supplier rework. Purged Stock Room to verify units met specifications.

- Designed and developed Discrepant Material Process Flows in Purchasing, Material Planning, Manufacturing, Receiving/Stock and Shipping areas. APPLIED MATERIALS, Santa Clara, California Feb 1995 to Aug 1998

Sr Quality Engineer

- Initiated and managed Interdepartmental Task Force that corrected spare part issues with key customer in Singapore. Presented results and action plan to customer.

- Division representative to the Product Development Program that optimized the release of new tools and modules.

- Responsible for final approval of tool shipment to customer. Verified the proper tool configuration based on the customer and internal specifications. TRIQUINT SEMICONDUCTOR, Santa Clara, California Nov 1993 to Feb 1995

Sr Quality Engineer

- Managed all Quality and Reliability tasks in the Santa Clara facility. This included Calibration, Document Control, and Customer Returns.

- Coordinated successful ISO-9001 registration. This involved modifying and verifying design, test and shipping procedures.

- Discovered a major supplier semiconductor packaging anomaly which reduced product performance. Because this issue was detected before high volume production was initiated, thousands of dollars in customer returns were saved and a product recall was avoided. TANDEM COMPUTERS, Cupertino, California Oct 1992 to Nov 1993

Reliability Engineer (Contract)

- Calculated, analyzed and interpreted mainframe computer MTBF predictions using Weibull statistical techniques in Excel.

- Published monthly reliability failure rates data based on MIL-HDBK-217 as part of the module qualifications process.

EDUCATION BSEE, Electronics, University of Washington, Seattle

Certificate, Continuous Improvement and Quality Management, University of California, Santa Cruz Extension

PROFESSIONAL ORGANIZATIONS American Society for Quality (ASQ), Silicon Valley Section, Executive Committee

- Member since 1981

- Silicon Valley Section Arrangements Chairperson since 2000 Institute of Electrical and Electronic Engineers, (IEEE), member. LICENSES State of California Real Estate Salesperson License - Realtor® since 2004

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