

Doug McKean
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OBJECTIVE: To continue/improve a career in regulatory engineering, reliability, and quality.

QUALIFICATIONS: Experience with agency approval, ECR/ECO processes, prototyping product realization, working effectively with design, engineering, and production management and staff to coordinate requirements, resolve problems. EMI experience at the PCB layout level.

EXPERIENCE:

Auspex Systems: March 30, 1998 to present
Santa Clara, CA

Job Title: EMC Design Engineer

Responsibilities: Agency approval of Ethernet 100 and 1000 BaseT servers to domestic and international standards: FCC, UL, European Norms. EMC control at the printed circuit board level. Advise engineering on the design and construction of products for regulatory issues. Also, reliability engineering MTBF estimates according to GR-332. Also, member of the ISO internal audit team. Wrote an internal "Basic Elements of Reliability for Large Storage systems".

Paragon Networks: May 28, 1996 to March 20, 1998
Southbury, CT

Job Title: Quality Manager

Responsibilities: Quality Dept. and quality for all departments. Lead ISO-9001 certification of company. Successfully completed RAB Lead Auditor program for ISO-9000. Compliance of T1(DS1,DSX1)/E1 Imux, DCS, and Transcoder products to domestic and international standards: Telephone approvals, FCC, UL, European Norms, Bellcore NEBs, calculate MTBFs. Implement EMC design control at the printed circuit board level for engineering. Advise on the design and construction of products for agency approval.

ADC Video Systems: August 8, 1994 to May 24 1996
Wallingford, CT

Job Title: Compliance Engineer

Responsibilities: Follow product development from "concept to customer" to gain approval and verification of digital DS3/OC1 and analog video transport systems to various domestic and international standards to include Bellcore TR-63, TR-78, TR-499, TR-1089, UL, FCC, FDA laser regulations. Advise designers on proper design techniques for board level EMI control. Redesign PCBs for EMI control. Wrote several

EMI/Bellcore company procedures for design, manufacturing, and marketing. Maintained a \$250,000 budget.

Gerber Scientific Products: December 1983 to August 1994

Manchester, CT

Job Title: Compliance Technician/Electronic Design Technician

Responsibilities: Tested products for UL, CSA, and FCC approval. In addition to previous duties as an Electronic Design Technician. Maintained a \$130,000.00 budget for product compliance. Developed printed circuit board prototypes for computerized sign-making equipment. Prepare preliminary schematics, implement final designs, troubleshoot design problems, and repair boards to component level. Analyze parts specifications, contact vendors for samples and pricing, and develop recommendations for parts based on costs, quantity, and specifications.

Gerber Scientific Products: September 1980 to December 1983

Manchester, CT

Job Title: Production Electronic Technician

Responsibilities: Supervisor of Test and Repair Department, with responsibility for supervising ten employees; scheduled production, monitored performance, and ensured adherence to quality control standards in testing and repair of circuit boards to component level.

MILITARY: Served in US Army (1976 to 1980) in Military Intelligence-Electronic Warfare; tested and repaired to component level all types of equipment, including radio receivers, demultiplexers, and various hybrid computers. Held Top Secret clearance for four years.

EDUCATION:

WESTERN NEW ENGLAND COLLEGE,
BS Program - Electrical Engineering,
1983 to 1993, no degree

UNIVERSITY OF CONNECTICUT,
BA Program - Math,
1972 - 1974, no degree

POST JUNIOR COLLEGE, Liberal Arts,
1970 - 1972, Associates Degree

ACHIEVEMENTS: Nominated for WHO'S WHO Science and Technology 1992 for a paper on lightning.

ASSOCIATIONS: Member of American Mensa.

REFERENCES: Available upon request.