

MIKE BEATY, P.E.

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SUMMARY: Experienced engineering project and department director. Highly skilled mechanical engineer with proven capabilities in global supplier management, product design, and quality. Excellent team player, communicator, coach, and negotiator. Using a common-sense approach, applies advanced problem solving and analysis with focus on results. Certified Six Sigma Green Belt. Two U.S. patents.

Career Experience:

HUNTER DOUGLAS, Window coverings manufacturer 2007 to Present

Director of Quality

- Responsible for division quality at this ISO 9001 certified site.
- Implemented automated skip lot program in Receiving Inspection.
- Led RoHS compliance effort.
- Revitalized quality tool training and continuous improvement teams.

MAXTOR Corporation, Hard disk drive manufacturer. 2000 to 2006

Director, Supplier Quality Engineering (2004 to 2006)

Primary US liaison for mechanical part issues supporting 3 Design Centers and 3 Asian factories. Managed staff of 27 at 3 US sites.

- Collaborated with suppliers and all internal groups to effectively prevent, diagnose, and resolve quality problems before reaching factories that cumulatively produce 200K hard disk drives/day.
- Partnered with 82 suppliers in Asia, Europe, and US to continuously improve quality and cleanliness. Each mechanical part had 2 to 3 suppliers; each required to meet six sigma goals.
- Performed Supplier Survey audits for companies being considered for supply base.
- Initiated Worldwide SE Manager's Summit to implement best practices across the company.
- Recognized as Corporate mechanical resource for environmental initiatives (RoHS/WEEE).
- Collaborated with Material Science Lab manager to turn adversarial relationship with SE group into the most cooperative teams in the company.
- Co-chaired cross-functional task force formed to solve 3-year-old problem. Received cash award for success.

Senior Manager, Supplier Quality Engineering (2002 to 2004)

Led a group of 7 Mechanical Supplier Engineers.

- Resolved issues regarding all mechanical parts including motors (ball bearing and FDB), VCMA's, actuators, and precision bearings. Platforms: server, desktop, and sub-3.5" hard disk drive (HDD).
- Initiated and programmed automatic Non Conforming Material Report (NCOMR) notification system that cut resolution time in half.
- Initiated SE Approval Request System (SEARS) that reduced approval and administrative time.
- Corporate owner for systems such as Approved Vendor List, DFM, NCOMR, SEARS, and RoHS mechanical compliance strategy.

Senior Staff Engineer/Staff Engineer, Supplier Quality Engineering (2000 to 2002)

Worked with 12 direct suppliers such as plastic injection molders, rubber compression molders, and foam and tape converters.

- Effectively resolved and communicated complex quality world-wide issues such as a tray material outgassing evaluation which involved the sheet manufacturer, tray thermoformer, 3 HSA suppliers, and 2 Maxtor factories.
- Performed on-site problem solving, supplier surveys, DFM, and audits at supplier sites in Asia.
- Evaluated cleanliness initiatives such as Electro Chemical Deburring and Electro Polishing.

SPECIALTY MECHANICAL, Mechanical Engineering Consulting 1997 to 2000

Principal

- Performed a manufacturing feasibility study on complex portable power-generator assembly.
- Developed personnel manual and administered hiring of personnel for start-up company.
- Involved with all phases of I-70 Incident Management Plan development for CDOT.
- Successfully passed Professional Engineer's exam on first attempt (48% failed that sitting).

TELEDYNE WATER PIK, Consumer Product Manufacturer 1995 to 1997

Senior Project Engineer. Sole design engineer on new point-of-use water disinfection product. Led design development from conception. Targeted for retail sales to international consumers.

- Designed and prototyped three different water disinfection devices using three technologies: ozone, chemical, and ultraviolet (UV). Evaluated each for ability to meet EPA Guidelines.
- Prepared for qualitative and quantitative market research, observed focus groups, and completed first QFD house for five developing countries. Created appearance models.
- Developed project schedule. Developed and managed engineering budget.

VALLEYLAB Inc, Surgical Instrumentation Manufacturer. 1991 to 1995

Project Engineer. Project leader/design engineer on Ultrasonic Handpiece Design project. Designed to agency standards, including cGMP, FDA, IEC, UL, TUV, CE, and CSA.

- Designed, analyzed, and tested a sealed Torque-Limiting Assembly Set. US Patent D372,582.
- Designed and procured custom molded elastomeric conductive ring. Designed custom injection molded nosecone which coupled electrosurgery current to ultrasonic vibration.
- Led evaluation project that solicited ergonomic preference information. Utilized user focus groups, in-office conferences, surgeon observations, preclinical trials, and conferences.

Project leader on new wire/tubing set. Responsible for product from the design concept to manufacturing floor implementation, including schedule and budget.

- Responsible for all part design and Class A mold procurement for 12 plastic injection molded parts and a custom extruded wire/tubing bundle.
- Analyzed and tested form, fit, and function of the parts, which included snap fits for ease of manufacture and o-rings for leak-free seals. Designed custom connector that made 4 electronic and 2 hydraulic attachments with one plug. US Patent 5,312,329.

DIGITAL EQUIPMENT CORPORATION, Hard Disk Drive Manufacturer 1987 to 1991

Senior Mechanical Engineer. Responsible for the design and development of automated disk drive servo track writers. Led two different teams.

MOTOROLA Government Electronics Group, Military Electronics Manufacturer 1983 to 1985

Mechanical Engineer. Involved in all aspects in design, development, testing, and analysis of military radar displays. Used in harsh shock, vibration, and heat transfer environments found on planes, boats, and submarines.

Education:

- **Registered Professional Engineer.** State of Colorado.
- **Master of Science in Mechanical Engineering.** Purdue University.
- **Bachelor of Science in Mechanical Engineering.** Minor: Math. Colorado State University. Pi Tau Sigma Mechanical Engineering Honorary Member. Outstanding Student Achievement Award.
- **Six Sigma Green Belt.** Sang Lee, Master Black Belt.