

Alexander R. Beem
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Quality Program Manager, Boeing 04-07 -- Present

- ☐Responsible for the Quality Metrics for Military and Commercial Aircraft programs
- ☐Conduct status meetings, Peer Review meetings, member of the Configuration Control Board (CBB), Material Review Board (MRB), Responsible for Risk and Opportunity Analysis, Corrective Action Board (CAB), Quality Program Team (QPT) management, metrics updates and program audits
- ☐Traveled for Review meeting and Supplier Quality Assurance audits/FAI/FAT
- ☐Lead Internal auditor for ISO9001 and AS9100
- ☐Extensive training on Boeing requirements, US Government, and foreign government procedures
- ☐Subcontract Team Member
- ☐Subcontractor Site reviews, audits and source inspections
- ☐EVMS Certified
- ☐6-sigma Certified
- ☐Green Belt Certified
- ☐Control Account Manager (CAM) certified functioning as CAM for the program
- ☐Continuous improvement advocate for the Project
- ☐Budget responsibilities and program tracking
- ☐Part of responsibilities included activities in the Program Excellence Plan including JDI, TKO, PKO, SIA, VSM and other TQM directives
- ☐Involved with the auditing of the ISO9001, AS9100, and CMMI Level 5 procedures
- ☐Trained Program team in Risk analysis, Peer review processes, and auditing

Quality Manager, ABK Thin Films Corporation, Los Angeles, CA 08-01 – 04-07

- ☐Managed a three shift Quality Operation involved in the roll to roll fabrication of electronic thermal insulation material and shielding
- ☐Rewrote entire QMS system and completed TS16949:2002 registration and conversion to the new ISO9001:2008, met time line of less than 2 years
- ☐Hired and trained new Quality Engineering staff from 1 to 6
- ☐Worldwide operation and responsibility for CAR, PAR, SCAR, RMA, PPAP, FAI/ ISIR, Flow/FMEA/Control plans, Core Tools (APQP, SPC, MSA, PPAP, and FMEA) Gage R&R and Audit activity

- Responsible for integration of new Quality Modules in the BPCS - MRP system & development and implementation of a new BPCS based CAR/PAR system and Paperless Scrap/MRB BPCS computer system - 1 year from start of SOW to completion
- Budget responsibility for Quality Department
- Oversee all on-site customer audits, source inspections, government audits, supplier audits, and surveillance/registration audits
- Created a new paperless scrap reporting system based on the ERP system
- Responsible for calibration program and tooling maintenance - 400+ instruments
- Responsible for all continuous improvement efforts
- Trained and set up new audit teams throughout the company - 16 auditors
- Regular Cost of Poor Quality reporting, metrics tracking, and corporate reports
- Responsible for QMS in 4 locations - national and international
- Defined new Asian outsourced operations and set up documentation control
- Responsible for source inspection and customer audits from major aerospace, military and commercial operations world wide
- Launched the company's Green Procedure with project business impact (increase) in 6 figures
- Foreign travel to China and Hong Kong

Quality & Operations Manager, GCI Laser, Knoxville, TN 03-96 – 06-01

- This laser fabrication facility makes Titanium parts for airplanes.
- Started working at GCI as the Quality Manager.
- Promoted to General Manager with my direct reports being the Operations Manager, Line Supervisor, Engineering, CAD/CAM department, purchasing, logistics, and Sales & Marketing.
- Achieved 98% on-time delivery - moved company from lab to full production
- Trained, mentored and promoted Lean/Six Sigma operations: 40% overall shop efficiency improvement, 66% Laser set-up reduction, 40% mass inspection reduction, 6S incorporation resulted in 75% shipping/receiving time savings
- Designed, documented, and implemented State (MN) and OSHA compliant safety program in less than 6 months
- Facilitated Laser Apprentice Training program to fill company need for internally qualified technicians
- Major customer base visits and sales call to break into the markets often covered by castings: Boeing (commercial and military), Lockheed, Northrop Grumman, NASA, Pratt and Whitney, USAF (United States Air Force), US Army, etc.
- Wrote documentation and completed the AS9100 registration audit - completed certification. Trained all staff in the Quality Management System documentation
- Set up and trained full auditing teams throughout the organization

- Cost reduction and technology improvements that yielded successful long term laser part production - multi-million dollar account
- Set up Corporate Supplier Certification program and in Corporate Purchasing on a project basis until company finally closed

Sr. Manufacturing Engineer, Douglas Design 05-92 – 03-96

Senior Manufacturing Engineer for printed circuit manufacturing & vacuum deposition in the Thin Films Department

- * Senior Manufacturing Engineer for printed circuit manufacturing, adhesives / lamination department, plating, silk screening, die cutting, electrical test and vacuum deposition in the Thin Films Department.
- * Wrote hundreds of quality specifications and all testing requirements. Oversaw all testing and training. Helped on the phase-in of ISO9000 and QS9000.
- * Skilled in DFMEA and PFMEA techniques, TOPS problem solving techniques.
- * Thin Films and vacuum deposition engineering in aerospace, medical, and optics field. Manager of the vacuum deposition department. Deposition techniques included RF, DC, E-Beam and evaporation. At the time the department had annual sales of \$6 million and the company had annual sales of in excess of \$200 million. This was a union shop, but was able to maintain a stable workforce despite repeated union issues.
- * Major customers were Boeing, Aerojet, Lockheed, Northrop, Fokker, Air Italia, and many others.
- * MRP II experience.
- * Helped with the setup of laser process on flex circuit fabrication.
- * Extensive lab work, lab test procedure documentation, and training
- * Government program work (including International Space Station) and project management for multi-million dollar programs.
- * International liaison officer for Latvia. Extensive traveling internationally and domestically.
- * Project manager for International Space Station materials RF sputtered SiO_x coatings - \$12 million project. Wrote and trained to all documentation and processes for the project
- * 100's of New Product Introductions - valued from \$1000 to \$2 million
- * Specified and installed a new Vacuum Chamber from England in Minnesota - a \$2.7 million acquisition

EDUCATION, TRAINING and MEMBERSHIPS:

Bachelor of Science in Sociology, Michigan State University

Masters of Management and Administration, Metro State University, Knoxville, TN

Layered Process Auditing Certification

ISO9001:2008 Lead Auditor Certification

TS16949:2002 Auditor Certification
Lean Processes with 6-Sigma Certification
Certified Green Belt
Certifications in Industrial Electronics, Drafting, and Digital Electronics
Core Tool Certification (5 AIAG Core Tools)
TOPS Certification (8-D method)
Lean Manufacturing Certification
Project Management certification from George Washington University
Taught Project Management at Dakota County Technical College
ASQ Senior Member
SME Senior Member

REFERENCES:

Available upon request