

Stephen James Soukup, CQE

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SUMMARY

ASQ, CQE, ISO-9000, QS-9000, AS9100, Audits, SPC, CAR, 8D, MRB, Control Plan, PFMEA, GR&R, Cpk, DOE, Six Sigma, 5S, Lean Manufacturing, Calibration, Metrology, Training, CCB, Documentation, Customer Interface, Supplier Management, Project Management, New Product Development, Inspection

PROFESSIONAL EXPERIENCE

GOODRICH CORP., Aircraft Wheel & Brakes, Santa Fe Springs, CA **2003**
Division of a Fortune 500 company manufacturing brakes for military, commercial and regional aircraft applications

Quality Engineer

- ◆ Led a 5S / Lean Process Improvement Team, boosting team morale, reducing WIP inventory, increasing throughput, reducing error rates and increasing work space.
- ◆ Planned and performed GR&R studies on key process equipment, identifying opportunities for measurement improvement for a product development project.
- ◆ Supervised nine inspectors & test technicians, ensuring daily production schedules were met.

EMCORE CORP. (formerly Tecstar Power Systems), City of Industry, CA **2001 to 2002**
Manufacturer of solar cells and solar panel arrays for the aerospace industry

Senior Quality Engineer

- ◆ Created, reviewed and submitted final product test data and documentation books to customers in an EIDP (End Item Data Package) for several key satellite programs.
- ◆ Designed, developed, tested and maintained an electronic Corrective and Preventive Action Request (CAR / PAR) database, resulting in reduced cycle-times, improved closure rates, streamlining the CAR process and improving internal communications between departments.
- ◆ Successfully reached goal (of 65%) by assisting team in increasing the OEE (Overall Equipment Effectiveness) from 36% to over 69% within two months.
- ◆ Scheduled, performed and reported internal quality system and process audits as Lead Auditor, ensuring continued compliance to ISO-9001 / AS9100 standard.

HARMAN INTERNATIONAL, Harman-Motive Division, Northridge, CA **1998 to 2000**
Manufacturer of OEM audio systems for the automotive industry

Process Quality Engineer

- ◆ Set up and qualified three automated production lines, transferring work to new facilities within five months, reducing overtime, overhead, and inventory costs.
- ◆ Increased process capability (Cpk) values on key processes from 1.0 to 2.0 and above, meeting and exceeding customer requirements.
- ◆ Created and maintained Control Plans and Process Failure Modes and Effects Analyses (PFMEA) for 13 different models, reviewing complete process documentation with customer before on-site audit date and meeting QS-9000 quality standard requirements.
- ◆ Coordinated weekly and monthly product testing and presented results to management, ensuring ongoing product conformance to in-house and customer standards.

MILLIPORE CORP. (formerly Tylan General), Rancho Dominguez, CA
Manufacturer of process and analytical equipment for the semiconductor industry

1992 to 1998

Quality and Manufacturing Engineer (1993-1998)

- ◆ Led metrology team, taking calibration errors from >2.0% to <0.2% and reducing warranty returns.
- ◆ Set up and documented quality systems, using statistical process control (SPC), PFMEA, and design of experiment (DOE) techniques, resulting in compliance to customer's quality standard.
- ◆ Developed and maintained a company calibration system for over 1600 pieces of measuring and test equipment, enabling initial certification and ongoing compliance with ISO 9001.
- ◆ Performed internal and external quality system and process audits as a certified ISO 9001 auditor, ensuring continued compliance and minimizing quality issues.
- ◆ Set up and maintained quality systems as an ISO steering committee member, creating procedures and work instructions that helped obtain initial ISO 9001 certification on schedule.
- ◆ Led SPC implementation on three key processes, training operators and taking action on out-of-control conditions to improve product quality.

Industrial Engineer / Quality Assurance Assistant (1992-1993)

- ◆ Conducted line and management-level employee training in statistical process control, increasing quality awareness and improving data analysis and problem solving throughout the company.
- ◆ Performed sample inspections on purchased parts and completed final assemblies, tracking non-conformities and taking corrective actions.
- ◆ Replaced freon-based vapor degreaser with multi-tank, de-ionized water-based system, achieving compliance with EPA regulations.

EDUCATION, CERTIFICATIONS & VOLUNTEER WORK

Bachelor of Science in Industrial Technology

California State University, Los Angeles, 1992

Certified Quality Engineer (CQE)

American Society for Quality (ASQ), 1997 to Present

Chairman

American Society for Quality, San Gabriel Valley Section (0702), 2002 to Present

Certified Manufacturing Technologist (CMfgT)

Society of Manufacturing Engineers (SME), 1994 – 2000

SKILLS AND SPECIALIZED TRAINING

Knowledge in Six Sigma, Lean Manufacturing, Theory of Constraints and 8D Corrective Action

Effective Project Management - National Seminars Group

Conducting ISO 9001 Internal Quality Audits – Semiconductor Equipment and Materials Intl.

SPC for Short Runs and Advanced Process Control (AQS-2) – Boeing/CACT

Demand Flow Technology & Business Strategy -- JcIT

Class 100 and 1,000 clean room environments

Microsoft Word, Excel, PowerPoint, Access, Project, Lotus Notes, Visio

Minitab, StatDisk, Boeing AQS/SQC, SQCPak