

FRASER P. DONLAN, JR.
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SUMMARY

Quality and project Management experience in developing and maintaining quality management systems compliant with ISO 9001:2000. Conducted over 135 plus on site Supplier Quality Assessments, including internal, process and safety audits including developing and implementing audit programs. Strengths include ability to find creative and innovative solutions to problems, to coordinate long and short-lead projects simultaneously, and to increase productivity; recognized as a strong, quality-conscious individual with good communication and documentation skills. Senior member of the American Society for Quality (ASQ), Automotive Division, Customer Supplier Division, Lean Enterprise & Quality Management Division.

WORK EXPERIENCE

Gamesa Wind Fairless Hills, Pennsylvania

11/2006 – 2/27/2009

Supplier Quality Engineer (Nacelle & Tower Manufacturing)

- Trained and supported supplier quality engineers in quality techniques, quality procedures, and monitored their performance and compliance to Gamesa Wind global requirements. (Castings, CNC machining, steel plates manufacturing, painting product and steel Towers welding manufacturing)
- Assisted Gamesa Wind's Nacelles & Towers Supplier Development Teams regarding manufactured components, quality requirements. Performed quality system audits, process audits and inspections at supplier locations with all potential new component suppliers to ensure their capability of meeting our company's requirements. (International & Domestic Travel).
- Provided technical guidance to suppliers to ensure product/process compliance with applicable standards. Was responsible for ensuring all print & specification were properly flowed down to the suppliers.
- Utilized good written and oral communication skills, as well as problem-solving, decision-making and negotiation skills. Excellent communication and teamwork skills with internal and external customers and suppliers.
- Reviewed PPAP paperwork to ensure suppliers' capability to supply parts to engineering and quality specifications via the quality inspection reporting process. Reviewed supplier initial sample inspection reports (ISIR) to determine their acceptance or rejection. If applicable, issued Nonconformance Reports (NCRs) and requested Corrective Actions from suppliers. Shared information I learned with suppliers to improve quality and delivery from first articles to regular production cycle.
- Worked with suppliers in developing, evaluating and improving their manufacturing methods, processes, and Quality Management Systems.
- Evaluated supplier performance trends via non-Conformance Reports and Delivery Reports; took proactive action with suppliers who demonstrated unfavorable performance trends. Developed, implemented, tracked, reviewed, and updated appropriate supplier quality metrics and provided regular status reports to management regarding suppliers' quality and delivery.
- Familiar with **ISO 9001:2000** standards and knowledge of **ANSI, DIN, EN, AM, ASTM** and **AWS D1.1** standards.
- Experience utilizing process improvement and process capability techniques within a manufacturing environment.
- Two years' experience using SAP/ERP system for tracking and managing supplier performance.

G C Controls, Greene, New York

07/2003 – 11/2006

Quality Assurance Manager (Solder Paste Screen Printing, Wave Soldering, Assembly and SMT Placement)

- Responsible for the development, improvement, and application of quality systems to meet customer expectations and internal/external regulations and standards for new product programs.
- Created supplier quality surveys, performed supplier quality audits and internal quality system audits which were reviewed at monthly management review meetings. Worked with suppliers on improving products & delivery times.
- Created & Standardized, GC Controls ISO 9001 – 2000 Quality Manual, Administrative Procedures, General Work Practices, Work Instruction procedures, Equipment procedures, and Workmanship Standards; developed, implemented, and managed corresponding Quality Plans and Process FMEAs.
- Established Workmanship Standards and inspection criteria for existing and new products that are specific and detailed for components and finished assemblies.
- Familiar with **IPC-A-610, J-STD-001, IPC-610, IPC-620** and **MIL Spec Standards** relating to electronics manufacturing. Streamlined operations by identifying problem areas and conducting flowchart analysis.
- Worked with customers and suppliers to implement corrective actions to resolve production and inspection problems.

- Conducted training need assessments and coordinated training programs within the organization..
- Created Process Failure Mode & Effect Analysis documents for SMT Placement, Solder Screening, and Wave Solder processes.
- Implemented improvements to current manufacturing processes to increase productivity and make operations more efficient. Implemented process improvements (Lean Principles, Workflow Efficiency & Valued Added Manufacturing) to current manufacturing processes to increase productivity and make operations more efficient.
- Process improvements/Lean Manufacturing: Receiving Process 78%, Shipping Process 50%, Picking Process 54%, Cable & Wire Harness 60%, Varistor Sub-assembly 81%, Heat Sink Final Assembly Manufacturing 48%, and Purchasing 45%. (Machine & Process Capability Studies, Ergonomics, Time Studies & Lean Manufacturing Techniques).

FiNet Technologies Dunmore, PA.

11/2000 - 11/2001

Supplier Quality Engineer/Supervisor Incoming Inspection

- Member of FiNet's Supplier Development Team, assisted purchasing, engineering, and manufacturing by interfacing with suppliers to resolve quality issues/concerns; provided technical, developed workmanship standards, support and engineering design reviews on new and revised products. Made recommendations and provided design concepts on inspection tooling. (Fiber-Optics)
- Assisted purchasing regarding manufactured components, quality requirements, and supplier surveys/audits.
- Worked with suppliers to reduce defect rejection rate by more than 50%. (Second Party Audits)
- Lead Auditor, second party audits at suppliers and follow-ups on Supplier Corrective Action Reports.
- Created Quality Plans/inspection methods for new and existing products to ensure compliance to FiNet Technologies' specifications. Created Quality System documentation as required per ISO 9000.
- Supervised Incoming Inspection Department on three (3) shifts.
- Performed Gage R & R Studies to evaluate our measurement system variation to determine adequacy.
- Performed Prototype/Sample, Process Capability and Machine Capability Studies.
- Implemented Statistical Process Control Charts to the manufacturing floor.
- Aided in the planning and analysis of products and processes to eliminate future quality problems.

Diemolding Corporation (Automotive / UAW Union)

9/1999 - 9/2000

Quality Engineer (Compression Molding, Injection Plastic Molding & Grinding)

- Member of Diemolding's Process Improvement/Problem Prevention team. Understanding Customer Requirements.
- Implemented Statistical Process Control Charts on the manufacturing floor (compression molding).
- Performed Process/Machine Capability Studies, Gage and Equipment Qualification on new and existing equipment.
- Involved in prototype capability studies and Prototype Submissions/Warrants to automotive customers.
- Participated in Advanced Product Quality Planning (APQP) and coordinated collection and analyzing of process data for Submission/Warrants of PAPPs to our customers. (Program Launch Team Member)
- Created Control Plans, Control Charts, and FMEAs for the manufacturing of new products. (Auqa3/Excel)
- Coordinated all prototype & production part approval process documentation, including CMM layout review. Customer experience includes: General Motors, Chrysler, Ford Automotive, Bosch Automotive TRW and Sumitomo
- Responsible for coordinating with manufacturing/Quality Laboratory the re-certification of product and resubmission per customer requirements & **QS 9000**.
- Performed Internal Quality (process & product) Audits and follow-ups on Opportunities For Improvement (OFIs).

Framatome U.S.A. Connector/Assembly/Cell Manufacturing, Hanover/York

11/1997- 9/1999

Senior Quality Engineer/Statistical Process Control Coordinator (Stamping, Plating, Plastic Injection Molding, & Assembly)

- Implemented (Lockheed Martin's/Boeing) Supplier Certification Program in the Hanover/York, Pennsylvania, facilities.
- Created Statistical Process Control Implementation Plan to meet customers' Supplier Certification Programs.
- Maintained the inspection/measuring equipment, calibration records, and certifications traceable to the National Institute of Standards.
- Supervised quality technicians/specialists in the Hanover and York plants and provided Statistical Process Control & Problem Solving Techniques Training to Plastic Mold, Plating, Assembly, and Stamping Manufacturing Departments.
- Interfaced with purchasing, engineering, and suppliers on products, equipment and tooling qualifications.
- Lead product/manufacturing engineering teams in the creation and development of product & process FMEA's.
- Reviewed, up-dated, and approved Plastic Molding Manufacturing's current "Workmanship Standard."
- Created Framatome Connectors Supplier/Interplant Packaging and Materials Handling Specification.
- Performed Equipment Qualification and Process & Machine Capability Studies on new and existing equipment.

- Created Supplier Six Sigma Specification, defining the minimum quality requirements that suppliers must adhere to in order to do business with FCI. **QS 9000**. Worked with suppliers in reducing their defect rate.
- New Product Development Experience created and implemented the Device Bay Connector Qualification Plan; oversaw the manufacturing process; analyzed and presented process data, and made recommendations on print specification.
- Participated in Advanced Product Quality Planning (APQP - Program Launch) for development on new products. Interfaced with Development, Product Engineering, Marketing, Operations, and Suppliers on product definition.

FCI/Berg Electronics, Hazleton, PA (Subsidiary of Framatome Connectors) Manufacturing Engineer 7/1997–11/1997
(Cable & Wire Harness Assembly & Plastic Injection Molding)

- Designed tooling and assembly fixtures for Manufacturing of Electrical Cables to increase production, reduce costs, address ergonomic concerns, and decrease equipment down time.
- Interfaced with Purchasing, Quality Assurance, Product Engineering, Manufacturing and Customers to resolve production problems in a timely fashion and interfaced with suppliers on products, equipment and tooling qualifications.
- New Product Development Experience created and implemented the ACON Connector Qualification Plan; oversaw the manufacturing process; analyzed and presented process data, and made recommendations on print specifications. (New Product Launch Team Leader)
- Performed supplier quality system audits and equipment qualifications on Global suppliers.

Quality Systems Consulting (Part-Time)

1/1997 – 7/1997

Integrity Manufacturing (CNC Machining)

2/1997-7/1997

IBM CORPORATION, Endicott, NY

6/1974 – 12/1996

Tool and Model Maker - Temporary second-shift employee in the **IBM Tool and Model shop & CNC Machining**, member of IBM Endicott's ISO 9000 Internal Quality Audits Team, performed ISO 9000 Internal Quality Audits.

Senior Design Specialist - Electrical Connector Development Engineering (Injection Molding parts)	1992-1994
Senior Methods Specialist -Substrate/PCB Manufacturing Engineering (Semi-Conductors-Clean-room)	1990-1992
Methods Specialist -Substrate/PCB Manufacturing Engineering (Semi-Conductors-Clean-room)	1985-1990
Tool And Model Maker	1984-1985
IBM Corporation Tool & Model Maker Apprenticeship	1982-1984
Senior Administrative Specialist	1978-1982
Administrative Specialist	1976-1978
Substrate Manufacturing (Semi-conductor-Mfg. Soldering/Tinning, Stand-off, & In-process Inspector)	1975-1976
Heavy Machinist (Machining)	1974-1975
Daystrom Instrument, Archbald, PA. [Part-time Machinist (Machining)]	1973-1974

EDUCATION/ACCOMPLISHMENTS

Associate in Specialized Technology - Johnson School of Technology, Scranton, PA.

Specialized, Company-Sponsored Education at Broome Community College, and Binghamton University

Defect Prevention	Human Factors Engineering	Statistical Process Control
Employee Empowerment	Supervision of Personnel	Motivating Employees
Lean Manufacturing	Engineering Design	Cadam & Catia Design Systems
Problem Solving	Supplier Auditing	Process Auditing for ISO 9001:2000
Design For Manufacturing & Assembly	Six Sigma (IBM Internal Training Program),	
Lean Manufacturing (Refresher)	OSHA Training	

Lead Assessor Of Quality Systems ISO 9000 Implementation Understanding and preparing for ISO 9001:2000

Received three (3) IBM Corporation Quality Awards Three (3) United States Patents One (1) Technical Disclosure

1988	Cost Effectiveness	\$ 6,400	Bright Dip Replacement Machine	\$ 76,000
1989	Cost Effectiveness	\$ 16,000	Postbake Oven Shelf Design	\$ 182,00
1989	Postbake & Poly-Etch Improvement	20%	Value Unknown	
1990	Cost Effectiveness	\$ 36,000	Titanium Carrier/Process Improvement	\$ 350,000
1991	Cost Effectiveness	\$ 96,448	2001 Reduction in Supplier Defects Cost Effectiveness	\$ 275,000