



Darren Fulton Curriculum Vitae

Personal Details: Darren Fulton

Date of Birth: 19th. January 1970
Nationality: British
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Address: 10 Rimsdale Close, Liverpool L17 6EX.
Professional Status: C.Eng IEE

Education:

1989-1993: Liverpool John Moores University
B.Eng with Honours in Electrical and Electronic Engineering

1982-1989 Broadgreen High School, Liverpool. 8 O' levels and 3 A' levels

Career History:

2003 – To date

The Liverpool Recruitment Company

Employment Business Owner

Responsible for P&L and full financial duties, Compliance, Sales and Marketing and day to day operations for an employment business specialising in Rail, M&E, Nuclear, and trades and labour operatives on a nationwide basis. Established the business from scratch and developed it to the turnover figure achieved as detailed on Companies House.

January 2003 – Apr 2003

Richmond Packaging, Winsford, Cheshire.

Site Engineering Manager

Fixed term contract to bridge the gap within the business. Business was wholly owned by the MD and offered contract packaging to the personal, healthcare and MOD industries. Managed a dedicated and small team of highly skilled engineers for the businesses of varied and specialist production needs in liquid and powder filling. Re-organised the team and introduced continuous improvements into the day to day running of the business.

October 1999 – January 2003

Cardinal Health, UK Head Quarters, Corby, Northants.

UK Engineering Manager

Reporting to the European Technical Director. Managed a team of over 50 engineers for all engineering activity throughout 3 large geographically widespread factories in Bolton, Corby and Essex. Had total budget responsibility for over £3m per year and the target efficiencies for over 40 working automated lines for blister packing, liquid and powder filling and bottle filling operations for contract packaging for the Pharmaceutical industry for UK and European highly regulated markets.

Achievements as follows:

- Managing the engineering productivity drive and change management program for the three facilities. Restructured all site teams to match the individual capability requirements and introduced performance metrics across all the department functions.
- Introduced £5 million of capital expenditure in the form of new and improved blister packing lines, upgraded older less capable lines and modernised and refurbished machines of unsafe conditions.
- Pioneered the best in class for Engineering Excellence for the global 32-site business by improving equipment efficiencies from 45% to 85% through effective use of PPM, TPM, WCM and FMEA/CIP techniques for Six Sigma.



- Reduced engineering set up times from an average of 24 hours to 10 hours per line.
- Introducing SPC across the sites 40 lines (over 150 process machines) to improve on yields throughout the diverse product range for both primary and secondary packaging.
- Initiated a major training and development program introducing empowerment and self managed teams with full ownership and cost control for Engineering and later lead the same program for Production.
- Achieved numerous low fault (some zero!) MCA and FDA site audits.
- Regularly manage either site operation of Engineering, Production, Warehouse, Planning, Customer Service and Quality in absence of each Site Plant Director.
- Compiled and approved business strategies for 2 and 5 years.
- Was part of the management team that turned around the Bolton site from a £0.5M annual loss to a £1.5M profit within two years and improved customer service levels across all 3 sites from 35% to 95% on time and in full.
- Obtained numerous quality awards for improvements in quality levels within the packing of both potent and patent pending technologically demanding shaped products.
- Responsible for over £10M of machine tooling stored within a world class storage and retrieval system of a unique bespoke design.
- Coached and developed many engineers to aspire to more responsible and senior posts throughout the business.

October 1996 – September 1999

Via systems Tyneside Limited

Engineering Manager – NT Imaging, Auto Screen Print, VOC Filtration and Distillation Processes

June 1998 – September 1999

Reporting to the Head of Engineering. Responsible for all Manufacturing technical support regarding machine efficiency, unit cost reduction, quality and yield improvement, new product introduction, standard modes of operation, process improvements, health and safety and implementation, customer quality, effective maintenance and effective training regimes for the above named processes. Managed a team of 2 Process Engineers and 4 Process Technicians to achieve the business targets for the above responsibilities. Through the effective management of an 18 strong Quality Improvement Team successfully reduced and stabilised scrap from 1% to 0.3%. Project managed the control and reduction of all process chemistries to within target for the previously out of control LPISM processes annually saving £500k.

Provided 'hands on' Shift Manufacturing Technical support for issues in relation to the NT Imaging process to drive Manufacturing output to target for 6 months during the above period.

Senior Process Engineer – NT LPISM, Auto Screen Print, VOC Filtration and Distillation Processes

December 1997 – May 1998

Reporting to the Engineering Manager. Completion of a Soldermask and Auto Screen Print process installation on a green field site for the worlds largest and most technological up to date printed circuit board manufacturing capability. This included evaluating and benchmarking available process technologies, process specification, supplier negotiation and procurement for a £15 million capital installation. Specified the equipment utility requirements, project managed the installation, commissioned and qualified the processes, provided all necessary documentation and trained key manufacturing and equipment engineering personnel for complete hand over. Accomplished by successfully managing 12 teams of vendor engineers, two Installation Managers, two Process Engineers and a team of 16 Manufacturing personnel. Deep process knowledge gained in acid and pumice chemistry surface prep line, double sided curtain coat line, auto and manual expose processes, solvent develop line, uv and thermal cure line and auto screen print line. The Soldermask process was installed in class 10000 clean rooms. Responsibilities also included carbon filtration of solvent extraction systems for VOC health and safety emission compliance and the installation of a novel world class Distillation machine.

Process Engineer – ST LPISM, Auto Screen Print, HASL



October 1996 – December 1997

Project managed a £2 million capital project to procure, install, commission and qualify and provide training for key personnel for two auto exposure processes and one auto screen print process. Extensive knowledge gained in image processing, vacuum carrier tables, mechanical engineering and plc software. Designed, installed and commissioned a £200k distillation process to recycle solvent for the ST LPISM Develop process. Successfully, reduced process material costs for the developer process by £750k per year. Successfully managed to reduce process material costs for horizontal and vertical HASL metal finish processes achieved through a £100k capital improvement project to install a solder recycle unit and flux chemistry viscosity controller. Annually saving £600k in process material costs whilst maintaining product quality. Completed a process improvement project to reduce LPISM scrap through the introduction of a Pumice surface preparation process costing £100k. Led a quality improvement team to reduce scrap in the Auto Screen Print department from 3% to 1% with the introduction of an effective process control system and a novel Field of View image processing measurement system. Continually provided technical support for Manufacturing to improve day to day process reliability, capability and output issues.

September 1993 – September 1996
Asea Brown Boveri - Power T&D, Capacitors Division

Production Engineer

January 1996 – September 1996

Part of a £30B global turnover organisation. Reporting to the Engineering Manager for a £20 million site manufacturing electrical switchgear. Responsibilities included all production engineering for a fabrication and capacitor element wind processes to optimise plant and equipment performance within strict production and environmental constraints. Improved production by redesigning the entire Fabrication process layout and thus reduced the manufacturing time by 1 day, improved product flow and reduced the floor space from 600m² to 400m². Reduced capacitor case leaks scrap from 4% to 1% by installing a synergic weld set for a robotic MIG welding application. Automated a manual Aluminium case seam welding operation halving the welding cycle time. Managed the technical process capability and evaluation for the implementation of an improved stainless steel case material improving process yields throughout manufacturing.

Sales and Contracts Capacitor Engineer

September 1993 – January 1996

Reporting to the Commercial Manager. Managed a number of leading British electrical OEMs, M&E and industrial end user accounts for projects up to £500k for low voltage, furnace, power electronic and high voltage applications. Specialised in high voltage applications with responsibilities for all technical and commercial activities from tenders to detailed customer designs for a number of projects. Detailed electrical calculations utilising computer simulations to aid the design of static and switched capacitor banks in the range of 3.3kV to 33kV voltages. Also responsible for the capacitor designs meeting the correct manufacturing specifications and all contract management.

August 1991 – September 1992
Vauxhall Motors, Ellesmere Port

Training and Development Manager

August 1991 – June 1992

Reporting to the Equipment Engineering Manager. Responsible for managing the training and development process for a Body Operations Unit of 1000 employees including operators, technicians, line managers and manufacturing managers. Undertook a feasibility study to establish the extent of the problem. Devised a training plan to train the maintenance



personnel as the priority. Developed 60 technical training programs requiring a budget for £500k. Pioneered the internal development for 12 of the training programs by 12 direct technician reports resulting in savings of £300k in vendor fees. Throughout the 6-month period 900 training places were completed contributing towards the production ramp up from 7 to 60 bodysells per hour. Experience was gained in leadership and people management, project management and communication skills.

Manufacturing Engineer

June 1992 – September 1992

Identified an opportunity to automate a manual spot welding operation originally requiring 24 operators. Evaluated a robotic spot welding workcell process and proposed the workcell design, build, test, installation, commission and handover to be completely internal to senior management for approval. Gained the approval and lead a team of 15 technicians to detail the robotic workcell design and specification to procure £100k of robots, programmable logic controllers, transfer equipment and electrical control gear. Successfully redeployed 24 operators to new processes within the factory.

Skills

Excellent financial knowledge together with good business acumen.

Sound project manager and ability to progress multi projects simultaneously.

Good communicator with strong interpersonal and people management skills.

Referees

Available on request.