
Curriculum Vitae

Name: Pierre Vella - Brincat

Location: Chorley, Lancashire

Current Remuneration: £51k + Bonus + Benefits

Personal Profile:

My experience in the airline, automotive and security print industry over the last several years has allowed me to gain in depth knowledge of the management and manufacturing systems within different companies, giving me the skills to have a clear and concise vision of my objectives. Having studied whilst working full time over the last few years, I have become goal orientated through self-motivation and I have demonstrated to be successful academically as well as career wise.

Key Skills:

- Leadership skills
- Communication skills
- Time management skills
- Organizational skills
- Languages English (Native or Bilingual)
- Maltese (Native or Bilingual)
- Italian (Full Professional)

Academic Qualifications:

2008-Present

- Bachelor of Engineering (Honours) awarded by the Open University in London.
- Currently working on obtaining a post graduate Master's in Engineering.

Hobbies and Interests:

- Traveling
- Camping
- Adventure riding
- Hiking

Red Cross Malta First Aid Instructor

October 2016 - Present

- Provides trainees with the knowledge and skills to apply core Red Cross First Aid & CPR. Courses include Emergency and Standard First Aid, CPR/AED, Marine Basic First Aid, Emergency and Standard Child Care First Aid

Professional Experience:

20/06/21 – Present

Project Quality Engineer – Landis & Gyr, United Kingdom

Purpose and Objective

- Support projects by facilitating state of the art quality management methods, techniques, and tools to ensure high-quality product, system or solution is delivered every time.
- Expected to actively support Product Development Process (PDP) in the disciplines of SW, FW and HW, challenging the content of the artifacts, trying to simulate worst case conditions under which the process or the deliverable artifacts fail.
- Ensure the processes described in the Integrated Management Systems (IMS) and Process House are followed.
- Act as a partner to Project Management and Project Team(s) to co-operate on development operations related matters, ensuring high quality of output, and providing full and transparent reporting on project quality status.
- Work on project quality deliverables starting with project quality plan compilation and follow-through in execution by conducting P-Gate reviews, plus facilitation of PPAP activities.
- Drive the risk identification and mitigation by facilitating the System-, Design- and Process-FMEAs.
- Ensure that a complete test strategy is developed, tests are performed, and test reviews are reviewed against the product requirements.
- Provide guidance for technical, legal and regulatory compliance.
- Inspect the deliverables of other functions for each planned PDP gate, and disseminate lessons learned and best practices amongst different project teams and stakeholder groups.
- Lead the problem-solving techniques, CRMs, CAPAs and continuous improvement projects.
- Report and escalate project quality issues to appropriate management levels.
- Deliver the PPAP effectively in partnership with the Project Manager.

Key Performance Indicators

- Perform required PQP (project quality plan) tasks / actions and deliver a flawless PPAP.
- Provide rapid, objective, uncompromising feedback, and escalation of concerns to appropriate stakeholders.

Core Areas of Responsibility/Accountability

- Responsible for setting-up and deliver the PQP including a flawless PPAP.
- Simulate worst case conditions, trying to make the deliverables fail, or not passing test.
- Identify the weak points and risks during the development phase of the product.
- Rank the maturity of the project and product in terms of Quality (PQE will not be overruled by PjM).
- Implement Lessons Learned in the development rules & guidelines.

Technical Skills

- FMEA, DMAIC, APQP, PPAP, 6-Sigma, risk management.
- DFSS, Lean Principles, HW Development and production processes.
- SW/FW development processes and methods ie. CMMI, V-Model, AGILE, SCRUM.
- Presentation and facilitation.
- Conducting risk assessments.

15/09/21 – 15/06/22

Lead Quality Engineer – De La Rue, United Kingdom

- APQP driver and implementer.
- Creates and updates Process FMEAs as required whilst participating in job-planning in order to focus on a prevention mentality that safeguards quality production systems.
- Creates risk mitigation plans based on RPNs and comes up with process improvements to reduce the RPNs (Quality Systems).
- Creates newly improved systems and respective quality gates to reduce process waste.
- Drives and improves lean manufacturing principles on the shop floor and focuses on right-first-time to achieve Build in Quality Level 4.
- Supports projects and works to meet the BIQ costs and savings, including 6-sigma.
- Supports in external customer complaints and be able to communicate outside the factory.
- Lead QRQC to ensure that the causes of customer and internal complaints are identified, and robust actions are introduced to stop any reoccurrences.
- Supports the Quality Manager in investigations and to follow up with any pending Process Quality issues.
- Motivate and lead a group of subordinates aligned with the business strategy whilst providing coaching when this is required.
- To conduct performance reviews of the subordinates on a monthly basis.
- Drives and supports problem-solving sessions on-line or off-line and drives a zero-defects mentality.
- To be OPEX driven and to support in floor Management Systems such as Gemba walks, Escalations, Daily Routines, and TIPS when necessary or required.
- Interpretation of statistical data and to come up with actions that improve Built-in Quality costs.
- To support and promote the behaviour of working as One De La Rue, sharing best practices, and collaborating with colleagues outside of own business sphere.
- To assist with the development of audit plans for product, process, and quality audits.

09/06/21 – 14/09/21

Supplier Quality Lead Engineer – De La Rue Malta

- The scope of the role encompasses all suppliers primarily for the Malta site across all three business units, but other sites are not excluded.
- To provide a Supplier Development function for all key incoming Raw materials including the development of robust specifications and Supplier Rating/Audit.
- To investigate and report on quality issues relating to supplied raw materials, ensuring they meet the required quality standards.
- To assist in performing in-process testing of Product and associated Tooling (where applicable).
- Support root cause analysis and corrective action for external and internal customer concerns.
- Supporting Group Projects and liaising with other sites in relation to material suppliers.
- Knowledge of Statistical Process Control (SPC).
- Good communication skills at all levels, both written and verbal.
- Experience in solving problems & driving improvements utilising data.
- A proactive approach towards the function.
- Able to analyse and develop systems and processes.
- High level of dexterity & attention to detail.
- Good in building and implementing systems across the organization.
- Able to create and follow detailed instructions.
- Skilled and familiar in using Quality Tools & Systems.
- The use of “8D” and other quality tools for corrective and preventive actions
- ISO management systems internal Auditor trained.
- Be a natural leader and takes the lead when necessary.
- Familiar with lean manufacturing tools and principles.

SAFETY

- To always act and behave in a way compliant with all De La Rue company guidelines and policies, especially those relating to Environmental Health and Safety, Security, Ethics and Code of Business Principles

QUALITY

- Conducting investigations for internal and external quality problems relating to raw materials and for Customer Quality concerns
- The periodic visual inspection and testing of various types of incoming raw materials and create and keep a supplier scoring system.
- The review and maintenance of incoming raw material CoA / CoC records.
- Maintaining an effective Quarantine and segregation process for all nonconforming raw materials and affected part processed work.

COST

- Working with and supporting the procurement department with good information and samples to drive the Supplier complaint investigations of defective raw materials.
- Working with external Material Suppliers on Quality related and material improvement issues, including visits to Suppliers premises when deemed necessary for various meetings, investigative purposes, and audits.

DELIVERY

- Be an active member of the internal Auditing team for the companies ISO management systems. Performing audits in a timely manner to schedule.
- Assisting in the improvement of Quality systems and SOP's when required
- Gathering statistical data and preparing quality reports for the Vendor rating process.

PEOPLE

- Liaising with the Process and R&D departments as required on Quality and testing process issues related to existing and new raw materials.
- Communicating and escalating urgent Quality concerns to the head of department.

08/06/20 – 08/06/21

Process Quality Engineer – De La Rue Malta

- APQP driver and implementer.
- Creates and updates Process FMEAs as required whilst participating in job-planning to focus on a prevention mentality that safeguards quality production systems.
- Creates risk mitigation plans based on RPNs and comes up with process improvements to reduce the RPNs (Quality Systems).
- Creates newly improved systems and respective quality gates to reduce process waste.
- Drives and improves lean manufacturing principles on the shop floor and focuses on right-first-time to achieve Build in Quality Level 4.
- Supports projects and works to meet the BIQ costs and savings, including 6-sigma.
- Supports in external customer complaints and be able to communicate outside the factory.
- Lead QRQC to ensure that the causes of customer and internal complaints are identified, and robust actions are introduced to stop any reoccurrences.
- Supports the Quality Manager in investigations and to follow up with any pending Process Quality issues.
- Motivate and lead a group of subordinates aligned with the business strategy whilst providing coaching when this is required.
- To conduct performance reviews of the subordinates on a monthly basis.
- Drives and supports problem-solving sessions on-line or off-line and drives a zero-defects mentality.
- To be OPEX driven and to support in floor Management Systems such as Gemba walks, Escalations, Daily Routines, and TIPS when necessary or required.

- Interpretation of statistical data and to come up with actions that improve Built-in Quality costs. • To support and promote the behaviour of working as One De La Rue, sharing best practices, and collaborating with colleagues outside of own business sphere.
- To assist with the development of audit plans for product, process, and quality audits.

01/11/2018 – 05/06/20

Project Lead Test Engineer – Methode Electronics Malta

- Follows complex defined test plans, datasheets, and specifications without the need for supervision.
- PPAP as part of product testing for new projects – test data from early stages of design to finished product.
- Evaluates test performance and sample operation to properly evaluate test results.
- Records and explains test results and compiles official test report.
- Serves as Project Lead for general test programs as assigned with the necessary assistance. Communicates project status and results as needed. Holds responsibility for defining test matrices, test progress, report completion and accuracy, meeting of agreed deadlines, and managing project related activities.
- Develop project schedules for development projects.
- Examines complex customer samples together with the on-board team and adapts the appropriate tests for each specific case. Communicates with customers during setup and operation to ensure proper evaluation and compliance with set standards and specifications.
- Directs, builds and/or adapts complex test setups and equipment for assigned work, based on test plans and specific instructions from senior engineering management.
- Operates and maintains complex test equipment appropriately to measure and test customer samples. Performs complex maintenance on designated test equipment in the laboratory area including the calibration of test equipment.
- Integrates Qualitative Continuous Improvement concepts and techniques for both process and equipment. Communicates with Senior management and technical staff to provide suggestions for new equipment, processes, and forms to improve accuracy and efficiencies of measurement capability.
- Perform calculations in fluid mechanics, strength of materials, dynamics, stress and heat transfer.
- Develop mathematical models of mechanical systems using software such as Matlab® & Autodesk Inventor® & CAD®.
- Set up mechanical measurements using Force metres, load cells, thermocouples, strain gauges, etc.
- Set up data acquisition using digital oscilloscopes & LabVIEW®.
- Perform data reduction and analysis.
- Direct the activities of technicians.

01/02/17 – 31/10/19

Manufacturing Lead Quality Engineer – Methode Electronics Malta

- Provide component manufacturing and quality technical support on parts to Sourcing, Design Engineering, Manufacturing, and suppliers of purchased materials and finished parts.
- Assist in meeting cost goals, delivery requirements and contractual requirements for commercial programs, domestic and foreign.
- Aid in the establishment of manufacturing plans.
- Participate in the development of programs/methods to optimize production, reduce cycle time, manufacturing losses & overall shop cost.
- Assure adherence to quality control systems/plan.
- Assure understanding of quality and specification requirements.
- Review completed product final inspection sheets and special process documentation for acceptability.
- Ensure conformance of products ordered to all drawing requirements and compliance

with all required specifications, tests or required analyses.

- Track quality performance and provide input on process improvements, controls, and quality plans.
- Review processes (FMEA, operation standards, process control sheets and all other control documentation) to ensure production requirements have been met.
- Track product concerns, non-conformances, and product dispositions.
- Participate in sampling and audits to all ISO adherences and specific customer requirements.
- Function as a liaison to resolve quality issues and to provide technical support.
- Review all manufacturing quality requirements for acceptability.
- Initiate Root Cause and Corrective Action reporting.
- Coordinate production complaints regarding quality issues in a timely manner
- Participate in the review of engineering designs to contribute quality requirements and considerations.
- Recommend changes to improve efficiency and reduce costs.

August 2016 - February 2017

Malta International Airport plc - Malta

Management Associate - Training & Quality Assurance

- To supervise all operations within the air terminals and ensure that the quality of service is executed at a superior level, including those services provided by other departments and service providers.
- To design and deliver high competency-based training programmes in line with the company's set standards and procedures.
- To ensure all members of staff are accountable for their actions and performance in line with company standards.
- To take all the necessary decisions in the interest of our customers, within the parameters of my responsibilities.
- To coordinate with all 3rd party service providers to coordinate a seamless and consistent level of service throughout the airport.
- To plan day-to-day operations including the deployment and utilisation of available staff. This includes adjusting coverage for sick calls according to the departmental procedures.
- To train staff for Protocol, Commercial, VIP & VVIP services.
- To ensure the execution of Protocol services that include Heads of State from any country.
- To coordinate and supervise all processes concerning daily operations.

December 2005 - July 2016

Emirates Airlines - Airline Professional