

Alexander T. Wower, CSSGB

95 The Grain Store, Lower Bristol Rd. SPRING WHARF

Bath, UK BA2 3GR

07852781194

woweralexander@gmail.com

OBJECTIVE

Seeking a position that entails a wide range of responsibilities and facilitates developing both engineering and management skills.

EDUCATION

Auburn University

Auburn, AL

Industrial and Systems Engineering; May 2012

- Cumulative GPA: 3.00/4.00

RELEVANT COURSES

Operations Planning

Visual Basic

Manufacturing Processes

Stochastic Operations Research

Control of Manufacturing Floors

Simulations

Deterministic Operation Research

Quality Control

Engineering Economy

EXPERIENCE

Quality Engineer at Saint Gobain; October 2019 – Present

Bristol, UK

- Responsible for customer complaint management including all customer communications, leading investigations into root cause, and completion of 8D reports.
- Lead or Quality representative to investigate and resolve product performance issues.
- Solely responsible for Quality reporting in weekly management PCS meeting on nonconformance/customer complaint status.
- Capability Analysis and PPAP completion/ submission for new products.
- Customer communications, capability analysis, and PPAP completion in regard to Engineering/Process change requests. Including sole responsibility of 2020 Must-Win-Battle project to receive customer approvals for raw material dual sourcing (alternate supplier) on 50% of product volumes manufactured, new machine introductions affecting multiple part types and customers, and alternate Heat Treatment process approval.
- Calibration management for the plant
- Quality Representative in APQP plant-wide project.
- Quality representation in multi-disciplinary new product feasibility meetings.
- Quality representative for MAPP reviews with potential customers.
- Responsible for managing internal nonconformances and aiding nonconformance action owners responsible for completing investigation/countermeasures before Target Dates of Completion.
- Administrator for Q-Pulse management system used for document control, Engineering/Process Changes, Customer Complaint / Nonconformance tracking.
- Completed IATF 16949 Lead Auditor training and tasked with taking over Supplier Quality audits.
- Familiar with forming of stainless steel and carbon steel product as well as heat treatment.

Quality Control Senior Specialist (Plastics) at Hyundai-Mobis-Alabama; April 2018 – August 2018

Montgomery, AL

Quality Control Specialist (Plastics) at Hyundai-Mobis-Alabama; April 2013 – April 2018

Montgomery, AL

- Primary customer contact for quality issues. Dealing directly with customers (Hyundai and Kia). Daily meetings in person with Hyundai Quality Team to discuss and solve issues, run trials to improve part quality, and trial 4M and EO changes to Hyundai-Mobis parts.
- In charge of putting together documentation for PPAP and gaining customer approvals.
- Work on new model launches for Hyundai Elantra, Sonata, and Santa Fe. Audit supplier parts throughout build stages and attend all trial builds to adjust dimensions and satisfy customer needs. Sent to Korea for 1 week as part of a 2-man team to audit supplier and Hyundai-Mobis parts prior to build stages for new model Santa Fe and Kia Sorento.
- Conduct internal process audits and part audits. Prepare all documentation to be checked during customer audits and support auditor during visits. After audits completion, send countermeasures to customer after meeting with any departments involved with the nonconformance.
- Monitoring Part Dimensions weekly with Check Fixtures.
- In charge of adjusting paint color for the Kia Optima, Kia Sorento, and Hyundai Santa Fe Bumpers to match the Kia car bodies for all colors. Daily monitoring of Paint Color/Paint Film Thickness with the use of Control Charts to maintain a product that is within specification limits. Working closely with Paint Suppliers to reach specification limits.
- Responsible for Approving new paint batches after color tinting on Kia Optima, Kia Sorento, and Hyundai Santa Fe as well as color adjustments on a daily basis.
- During new model launches, in charge of working with paint suppliers to prepare new color paint to match new car model color.

Alexander T. Wower, CSSGB

95 The Grain Store, Lower Bristol Rd. SPRING WHARF

Bath, UK BA2 3GR

07852781194

woweralexander@gmail.com

- Reviewing defective products returned by the customer and defects found internally. Tracking inspector performance through defect tracking. Working with quality inspectors and other departments to quickly correct issues through root cause analysis causing defective products and to reduce PPMs. High focus on stopping issues before value has been added to bad parts. Not allowing bad parts to be painted and make it through multiple points of inspection.
- In charge of standardizing the process of certifying team members on specific tasks.
- Removing wasteful processes at each point of quality control inspection.
- Working as part of a management team with a strong Lean Manufacturing, Kaizen Continuous Improvement and 5S focus.
- Work on corrective actions to issues found by the customer and report to the customer.
- Work with suppliers when issues are found internally to get clean points and resolve the issues.
- Daily reporting on internal issues and issues at the customer.
- Filling in for inspectors when callouts cause a manpower shortage during break periods.
- Experience with injection molding, paint systems, and assembly.
- In charge of testing incoming resin to be used in injection molding to ensure Melt Index is as supplier specified.
- Received IATF 16949 training

PROJECTS

Senior Design Project; January 2012 – May 2012

Auburn, AL

- Lean/Six Sigma based project. Working on a team of four with leadership responsibilities.
- Developing a build line with which to train new employees, as well as for continuous education. The goal of the build line was to reduce defects in the final product caused by inadequate training.
- Lead during the Control phase of the DMAIC process to guarantee that all benefits of the project were continually utilized.

Simulation Project; January 2011 – April 2011

Auburn, AL

- Worked closely with a team of four students to understand the production process of a hypothetical company which was described in detail by professors. Using Simio, created a 3d simulation of the production process the company is currently using, and then simulations with backing results that show an alternate production process which is cheaper and more efficient.
- Major obstacles included adhering to strict guidelines, keeping to a strenuous time schedule, problem solving as a group, learning complex programming to calculate results to prove our production process was more efficient than the company's current process, and thinking outside the box to create a more efficient production process.

SKILLS

Computer: Windows XP and Vista, Mac OS X, Microsoft Office, Minitab. Received training in Solid Edge, Mastercam X4, Simio, Matlab, C Programming, Visual Basic, and Stat Ease.

Languages: English, Polish

Nationalities: American, Polish

CERTIFICATIONS

- Certified Six Sigma Green Belt – Villanova University
- Certified IATF 16949 Lead Auditor