**STEPHEN P. CURRY**

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**Objective:** To utilize my background in Operations, Quality, Project Management, Integrated Supply Chain and Reliability to enhance quality, manufacturability and serviceability processes

**Summary of Qualifications**

* Nineteen years’ experience in the design and manufacturing of various segments of the electronics industry
* Positions held: Sr. NPD Operations Leader, Advanced Manufacturing Engineering NPD Manager, Quality Functional Implementation Manager, AME Engineering Project Lead, Reliability, Quality, Production and Process Engineer
* Managed DFX for complex space system from design to implementation
* Lead teams on complex electrical system analysis on APQP/DFMEA/PFMEA and DFM/DFQ
* Performed detailed ISC project planning for complex manned space flight program
* Worked with team to implement AME role into Glendale programs/facility
* Lead ISC team to define manufacturing/quality plans , sourcing and procurement plans for complex man space flight with interface between multiple Honeywell manufacturing sites
* Worked on several Kaizen teams using the principles of Lean Manufacturing and Kaizen Principles to reduce waste and continuously improve the manufacturing process
* Implementation of new designs into production and design/process improvements to existing designs
* Design for Six Sigma (DFSS) Green Belt Certified
* Lead RCCA Teams to resolution on complex systems utilizing DMAIC Principles and tools including VSM, Fish Bone Diagrams, MSA, Fault Tree Analysis, SIPOC, Workflow Diagrams, CP and CPK analysis, 8D, Failure Analysis Reporting and DOE

**Experience and Accomplishments**

**W. L. Gore and Associates** January 2017 – Present

Senior New Product Development Operations Leader

* Team leader of 38 associates comprised of 2 Production leaders, 4 Area leaders and 32 Direct labor
* Preparing prototypes, samples, and design validation units to the NPD team towards the development, verification and validation of a new product design
* Ensuring the development of clear, efficient Standard Operating Procedures (SOP)
* Ensuring the development of an efficient, high yielding manufacturing process
* Identifying NPD project goals, metrics and monitoring adherence
* Developing estimates for COGS and comparing to goals
* Planning facility space for prototyping, pilot lines or process development activities
* Partnering with Engineering teams to drive the development of effective, efficient manufacturing processes, including layouts, product flow and equipment
* Overseeing the proficient training of operators on new processes and helping ensure the maintenance team is trained and prepared to support new equipment
* Working with Planning and other leaders to help define, communicate and integrate NPD build quantities with commercial production demand
* Partnering with other Manufacturing Leaders to ensure adequate resources to meet NPD requirements and ensure adequate capacity and manufacturing lead time
* Applying appropriate OPEX tools to drive design for manufacturability
* Understanding and mitigating supply chain risks
* Performing Manufacturing review for Change Orders and interface with QA. Own or support Non-Conformance Reports and CAPA's that may be related to NPD or design transfer activities.
* Helping in the development of area leaders, manufacturing associates and production leaders

**Honeywell Inc. (Aero Lighting COE)** December 2014 – January 2017

AME New Product Development Manager

* Managed 15 direct reports and 30+ indirect at a facility of 800
* Management responsibility for all Advanced Manufacturing Engineering NPD Project Engineers
* Hire/develop staff with the capabilities to proactively address both technical (manufacturing), product cost and program issues.
* Assist employee with the development and alignment of a challenging set of goals and objectives.
* Provide periodic employee performance assessments coupled with frequent continuous improvement feedback.
* Develop and manage budgets from a top-level overview.
* Site VE spend and save, Department site budgets (Indirect spend) and Program RDE spend (Direct spend).
* Roll-up capital needs for development programs and ensure timely P.O. deployment.
* Develop UPC model, coordinate updates, continuously monitor and communicate costs to the program.
* BOM Analysis (actual, notional, or similar to), Evaluation of designed parts, Conversion analysis, Develop CTO Roadmap(s).
* Coordinate Engineering, Manufacturing, Sourcing, GS&I, Suppliers, etc. to generate ideas and execute on them.
* Coordinate / Facilitate CTO workshops, PM detailed BOM Analysis.
* Manage CTO Roadmaps and risk mitigation plans.
* Predict design for manufacturability, yield, test, and drive change utilizing the AME enabling tool suite (Yield, Complexity, and DFM prediction models, Production Rate Readiness and MRL tools).
* Data driven approach to pin-point reasons for low yield DFM or process capability driving yield short-fall?
* Guide detailed design layout decisions.
* Work with Design Engineering, Manufacturing Engineering, and Suppliers to design to capability.
* Identify concept design short-falls early, Identify producibility issues in concept baselines.
* Identify design improvement opportunities.
* Evaluate technical readiness for production (complexity factory fit) through the discipline of the Manufacturing Readiness Level tools.
* Manages projects from program approval through introduction to production (IPDS Phase 3-5).
* Includes transition planning and execution for product developments not yet at phase 6.
* Manage and maintain cost and manufacturability activities and artifacts.
* Represent ISC during phase exit reviews.
* Coordinates program planning and execution of ISC activities.
* Ensures execution of new product support from the master scheduling and planning.
* Serves as a linkage between Sourcing, Manufacturing, Engineering, Program Management, and Marketing. Is the technical liaison between ISC and Engineering
* Drive IPDS adherence for all ISC related items in the Phase Exit Criteria Assessment (PECA) sheets.

**Honeywell Inc. (ECC)** March 2011 – December 2014

Functional Implementation Manager – Quality

* Managed 40+ indirect reports across 9 manufacturing Facility in US, Canada and Mexico with plant sizes ranging from 150 people to 2500
* Responsible for the Implementation of SAP Quality module and data analysis across ECC North America
* Execute the redesigned business process in the new ERP system during the Solution Validation phase to confirm that business requirements have been satisfied
* Identify and Manage business requirements in SAP Quality Management in Factories and Distribution Centers in North America
* Team with the ECC-CPS Teams and the SBU's as it pertains to all aspects of Quality Management
* Implement Common Quality Processes across ECC NA Factories and Distribution Centers
* Coordinate with Global team to ensure common process with in ECC Global Quality
* Understand each sites business requirements and perform gap analysis, assist with the redesign of processes, and testing to insure conversion success
* Complete key deliverables as assigned such as functional site discovery and scoping documentation, business test scenarios as outlined in the CP/S deployment methodology
* Provide SBU input to the evolution of the global quality template
* Educate SBU process leadership on the benefits of the "To-Be" design and the change implications for their organization
* Capture, assess and prioritize key business requirement gaps from all sites that are part of a deployment project
* Make decisions driving to the best business process to keep project moving forward within the Global Template
* Insure all users are able to operate new business process effectively with minimum impact to the business

**Honeywell Inc. (Defense and Space Division)**  October 2007- March 2011

Advanced Manufacturing Engineering NPD Engineer Project Manager - Glendale, Arizona

* Indirectly managed a cross functional team of 20+ a various production and design locations, Glendale facility comprised of 500+ people both design engineering and Production
* Creation and Maintenance of Integrated Master Schedule and corresponding Budget Spread
* Served as a linkage between Quality, Sourcing, Manufacturing, Engineering, Program Management, and Marketing. The technical liaison between ISC and Engineering
* Performed strategic planning and execution relating to Schedule, material, process and cost across multiple sites to meet project goals
* Control Account Management for a $60 Million budget with Monthly Variance Reporting
* Coordinated Manufacturing Readiness utilizing the IPDS phase gates to plan and assess manufacturing process readiness
* Drive DTC (Design to Cost)
* Developed/Managed Cost Take Out Roadmap(s) and risk mitigation plans
* Continuously monitor and communicate cost to the program team
* Drive DFX (Manufacturing, Assembly, Quality, Test, Lean…)
* Worked with Design Engineering, Manufacturing Engineering, and Suppliers to design to capability
* Identify concept design short-falls early and Guide detailed design layout decisions
* Predict design for manufacturability, yield, test, and drive change utilizing the AME enabling tool suite (Yield, Complexity, and DFM prediction models)
* Evaluated technical readiness for production (complexity…factory fit) through the discipline of the Manufacturing Readiness Level tools
* Managed projects from program approval through introduction to production (IPDS Phase 3-5)
* Coordinated program planning and execution of ISC activities
* Drive IPDS adherence for all ISC related items in the Phase Exit Criteria Assessment (PECA) sheets
* Value Engineering (Pipeline Development & Execution Project Management)

**Honeywell Inc. (Engine Accessories)**  April 2006-October 2007

Design Reliability Engineer - Tucson, Arizona

* Design and Production facility of 350+ people
* Part Application Review to drive design optimization from a reliability standpoint
* Generated FMECA, FTA, Reliability Predictions and Block diagrams for complex add on system to work in conjunction with the Digital Electronic Control Unit and Electromechanical Actuator Controller
* Worked with Design, ISC, Software, Test and Quality during Qualification testing of new fuel controller and electromechanical actuator controller designs
* Used Design for Six Sigma tools to aid in fault isolation of failures during design check out and qualification testing
* Interfaced with customer to address concerns relating to reliability
* Worked cross site support of start up and Research and Development programs
* Worked on team to define the process for Tin Whisker Risk Assessment/Level Definition for Honeywell Products

**Honeywell Inc. (Defense and Space Division)** September 2002-April 2006

Design Reliability Engineer - Clearwater, Florida

* Design and ISC Production facility of 2200+ people
* Chaired cross functional group to determine root cause of system and board level test and field failures
* Part Application Review to drive design optimization from a reliability standpoint
* Generated FMEA and Block diagrams for complex add on system to work in conjunction with the Space Shuttle Main Engine Controller (SSMEC)
* Performed Overstress analysis for failures that occurred during system and card level testing
* Performed Root Cause Corrective Action analysis and reported findings to customer via Honeywell Malfunction Report
* Worked with ISC, Design, Software, Test and Quality during Qualification testing of upgrade to the SSMEC
* Used Design for Six Sigma tools to aid in fault isolation of failures during design check out and qualification testing
* Interfaced with customer to address concerns relating to reliability

**Education**

**University of South Florida** 1995-2001

Tampa, Florida

Bachelors of Science in Electrical Engineering emphasis in RF/MW design.

* Six Sigma / Design for Six Sigma Green Belt Certified
* PMP Certified
* Honeywell Outstanding Engineer Award 2011