MANUFACTURING/PROCESS ENGINEER

Summary

Results-Oriented-Priority-Driven-Highly Motivated-Innovative Problem Solver Performance driven engineering professional with more than 10 years of experience and proven success at optimizing processes and completing projects to meet aggressive manufacturing goals. Seeking a career advancement within dynamic, high-growth organization that welcomes fresh ideas, initiative, dedication, and experience and demands excellence in consistently meeting business objectives. My overall technical background along with the leadership and decision making capabilities, will be combined to render the most benefit to the company. AREAS OF EXPERTISE Robotics & Welding Workflow Optimization Strategic Planning Product Development, Testing, & Launch Conflict Resolution Process Improvement Manufacturing & Production Operations Change Management

Highlights

- Self-motivated
- Work with operational process tools
- Project management

Accomplishments

- PROVEN METHODOLOGY: Streamline manufacturing processes, procedures and methodologies to improve product changes.
- Balance process and production workflow with superior leadership via critical thinking and strategic planning Starting from product design inception through Job 1 shipment of the finished product.
- Oversee and manage the design of the manufacturing process within the necessary time frame and budget requirements.
- Adapt at working in multifunctional groups to facilitate continuous improvement throughout the manufacturing process.
- DEMONSTRATED RESULTS: Dynamically and successfully worked on complex projects, define and implement manufacturing best practice initiatives and strategies on processes, tools, equipment and assembly techniques.
- Saved Ford $3.5M through Six-Sigma projects and applied best practices principles.
- Process Quality Optimization Improvements, Material Cost Reductions (MCR), ISPC inspections and audits which reduced variation and contain defected products.
- Optimized & reduced process operators to produce saving estimating $385K for Ford Motor Company.
- Generated $400K in hard savings and $15K in soft savings.
- Resolved process flow issues; redesigned parts for improved performance at cost efficiencies.
- Reduced warranty claims by 10%.
- Decreased "Things Gone Wrong" by 16 percent in warranty claims.
- Demonstrated ability to increase quality levels, decrease manufacturing and material costs, and improve throughput.
- Successful in implementation of lean tools to improve business performance.

Problem Diagnosis Â

- Used operational knowledge of systems, parts and components to solve problems that arose during assembly.

Testing, Evaluation and Analysis: Â

- Tested equipment to ensure compliance.
- Analyzed data and provided recommendations which resulted in adoption of new cost-saving equipment.

Experience

Logicmonitor May 2000 to Current MANUFACTURING/PROCESS ENGINEER

- NORTH AMERICA VEHICLE OPERATIONS BODY CONSTRUCTION ENGINEERING, (BCE) Managed capital project & $250M budget while overseeing specific direction of project commodities.
- Bodyside/Framing lead engineer for Super Duty program VP (Verification Prototype) build at KTP.
- Saved program $2 Mil in soft tool cost.
- Team member for developing global design for clamshell hood execution to minimize/prevent e-coat & boil out.
- Effectively managed tooling suppliers to ensure on time delivery of tooling by: Ensuring the key milestone dates was attained.
- Coordinating activities of facilities and other VO departments with the suppliers.
- Eliminating timing impact of product changes by communicating those changes to the suppliers.
- Implement tracking processes which assist upper level Management to gain consensus, establish internal performance baselines, and track external performance efficiencies.
- Drives continuous improvements in safety, quality, delivery and cost through development and enhancement of new and existing manufacturing processes.

Eaton January 1999 to January 2000 PROJECT MANAGER
Austin , WI

- NORTH AMERICA OPERATIONS PRODUCTION, ENGINEERING, AND ASSEMBLY Determined and managed risks and create mitigation plans to mitigate those risks.
- Led lean material containerization projects with 15% savings.
- Support the implementation of primary strategic business initiatives, product, and process improvements by identifying problems.

- Led closure of significant supplier issues.
- Researching and evaluating with suppliers to assess and verify process capabilities; evaluating existing fabrication, determining impact analysis, evaluating and developing alternatives, making recommendations; and presenting proposals to management.

The Boeing Company January 1997 to January 1999 SENIOR MANUFACTURING ENGINEER
Milwaukee , STATE

- NORTH AMERICA OPERATIONS PRODUCTION, ENGINEERING, AND ASSEMBLY Collaborated with multidisciplinary engineering teams to design structural modifications of aircraft and systems.
- Engineered structural modifications for the following aircrafts: Boeing 747s and 767s.
- Participated in the investigation and resolution of production and planning problems with design and manufacturing personnel by reviewing planning data, standards, procedures, and engineering data.
- Recommended improvements and adjustments pertaining to materials, productivity, and work schedule issues.
- Coordinate and reconcile requirements with design, test, developmental engineering, postproduction, vendors, or customers; analyzing/integrating engineering and manufacturing specifications.

Skills
ASSEMBLY, AutoCAD, budget, commodities, delivery, direction, engineer, Framing, Mfg, materials, personnel, presenting, processes, proposals, quality, Researching, safety, strategic, Systems Engineering
Education
Oakland University 2004 M.S : Engineering Management City , State GPA: GPA: 3.4 Engineering Management GPA: 3.4
Alabama A&M University 1997 B.S : Electrical Engineering Technology State GPA: GPA: 3.4 Electrical Engineering Technology GPA: 3.4
Green Belt Training Certification Global 8-D, FMEA, Process Control Methods, Systems Engineering & Value-Stream Mapping, Mfg. UG-C3P-TCe, FIDES, MS, AutoCAD