Principal Product Engineer, Six Sigma Black Belt - SAN JOSE, CA / MANUFACTURING AND QUALITY / FULL TIME

In this position, you will work with executive leadership to select and prioritize projects to ensure work aligns with strategic goals of the company. Your work will enable visibility into the overall health of our operations, using data to inform and improve the quality of our processes.

**Major Responsibilities:**

·Hands-on and experienced with FMEA, design for reliability (DFR) and design for manufacturability (DFM) concepts.

·Facilitate Engineering groups through process mapping, root cause analysis, brainstorming, business impact assessments, gap analysis and proper DOE planning.

·Understand data trends and drive quantified results by designing and deploying analytical systems and processes.

·Develop rigorous control plans, communications, risk assessments and maintenance of documentation.

·Lead the DFM and DFMEA activities during product design and development.

·Lead investigations and provide technical oversight to determine root cause of top issues and arrive at timely solutions.

·Support R&D and Manufacturing in process improvements and cost reduction activities

·Document and Communicate lessons learned to Product Development to enable implementation of design for variation (DFV) and robust design methods (DFSS).

·Train and mentor Engineers in DOE planning and data analysis.

·Maximize output and cycles of learning while minimizing cost.

·Promote and support improvement activities in all business areas of the organization as well as at suppliers and customers.

**Preferred Qualifications:**

-Minimum Bachelors of Science (BS) or BS in Engineering, Statistics or Mathematics.

-Highly motivated Product Engineer with at least Ten (10) years’ experience, preferably in the automotive industry, or renewable energy.

-Certified Master Black Belt (MBB) with at least 4 BB projects completed

-Capable of teaching and mentoring Development and Product Engineers.

-Experience manipulating large data sets through statistical software

-5+ years of experience in leading and supporting continuous improvement methodologies

-Demonstrated proficiency leading and managing cross functional projects

-Capable of influencing and getting cooperation and action from others.

-Ability to effectively communicate (verbal and written), work and relate with people at all levels of the organization and be self-sufficient.

-Effective team player, good coaching skills and can develop other co-workers.

-Must be adept at coaching, consulting and training with strong leadership skills.