GANESHA S

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OBJECTIVE

Looking forward for a responsible contributing position in a dynamic organization, where opportunities for growth and learning co-exist. To work with a team of professionals, utilize, share, update and enhance my knowledge which I got from hands on experience in the field of Product development and Manufacturing for development of my career and organization.

**EXPERIENCE SUMMARY**

**1. Indo US MIM Tec Pvt Ltd**

Designation : **Specialist -** Product development & Manufacturing

Duration : **August 2013 to Present**

**Responsibilities:**

* Facilitating new product development by defining the optimum process flow to manufacture the part.
* To understand the criticality of the part, plan, upfront the process and the ways to control it.
* Responsible for creating, managing FMEA for the products considering the severity, occurrence of the failure modes and the detection techniques for the failure modes.
* Responsible for planning the machineries based on the requirements and criticality of the component. Optimal utilization of available resources for cost effective manufacturing, with better quality results using various cost reduction techniques.
* Estimate the approximate cycle time for the component and optimizing the cycle time by eliminating non value added activities using LEAN concepts, other tools & techniques.
* Plan and design the fixture for machining process as per the process flow.
* Plan tooling for machining based on the material specification, stock level and criticality to reach to best cycle time and better quality output.
* Manual programing for turning & milling machines.
* Optimize the program and cycle time.
* Carry out program and fixtures prove out on the machine.
* Study the process variation using LEAN manufacturing methodology and prove the process capability for all the key parameters of the component using various techniques such as Pre-control charts etc.
* Responsible for proving capability for all the critical parameter of the component.
* Include POKAYOKE, JIDOKA in the process to control where ever applicable.
* Carry out the study and validation for cutter life, cycle time and cost per component for the same by involving the tooling supplier and optimize the cutting parameters.
* Carry out the first off approval for the part and define the inspection methods for all the parameters.
* Interact with the quality team and freeze the measurement protocol.

**KNOWLEDGE DOMAIN**

* Manufacturing Processes: Process measurement & control using SPC, Familiarity with inspection & quality control procedures, recording & optimizing manufacturing processes. Basic programming skills turning and milling.
* Lean Six Sigma Methodology: Pursuing certification for Green Belt in Advanced Lean Six Sigma
* Documentation: APQP, PPAP.
* Knowledge of gauge concepts, design of jigs & fixtures.
* Tools & Techniques:

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| --- | --- | --- | --- |
| FMEA | Six Sigma methodologies | LEAN Concepts | SPC tools |
| GD&T | Metallic injection molding | Solid works 2011 | Kaizen & Gemba Studies |
| Quality tools | 8D Problem solving approch | MSA | Shainin Technique |

ACADEMIC DETAILS

* B.E (Mechanical Engineering) from MITE, Moodbidri, (Visveshwaraiah Technological University) with First class (62 %) in July 2013.
* Diploma in Automobile Engineering from Department of Technical Education, Bangalore securing first class (67%) in 2010.
* SSLC from G.H.S Kuduregundi, Koppa, Chikmagalure, Karnataka securing first class (78%) in 2006.

PERMANENT ADDRESS

S/o Sadashiva Shetty

#75A, Kattinamane (P),

N.R.Pura (Tq)

Chikmagaluru,

Karnataka-577127

OTHER DETAILS

* Date of birth : 21st April, 1991
* Languages known : English, Kannada, Hindi, Thulu.
* Hobbies and Interests : Playing Cricket, Reading newspapers, watching sports.