**MOHAMED**



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**OBJECTIVE**

To obtain a challenging position in a better concern and strive for excellence in my career and betterment of the concern.

**PROFILE SUMMARY**

* A competent professional with over 3.2 years of experience in
* Engineer – R&D
* Quality Assurance (Standards Room/Testing Laboratory, PDI)
* ISO / TS 16949 and ISO / IEC 17025 documentation information.
* Piping Design and Routing, Structure and Beam design.
* Adept at handling day to day activities in co-ordination with internal/external departments for ensuring smooth functioning.
* Analyze processes and techniques to identify new approach to problems or area of weakness.
* Effective communication with assertive and Strong leadership and analytical qualities.

**ORGANIZATION EXPERIENCE**

* **Steel Strips Wheels Ltd**

**Position :**  Engineer – R&D, Quality

**Duration:** December 2014 to Present

Steel strips wheels ltd, Chennai is an ISO/TS16949 certified company. We are proudly says that one of the wheels manufacturing company in India was our organization. We are supplying 2 wheeler wheels to Honda and 4 wheeler wheels to Nissan models, Renault models, Volkswagen models, Hyundai models, Tata, BMW, M&M models, SKODA, PIAGGIO, JAGUAR, OTTO, Sang Yang, AUDI.

* **Kagira Drawing Solutions**

**Position :**  Design Engineer Trainee

**Duration:** June 2014 to December 2014

**ROLES AND RESPONSIBILITIES**

**ENGINEER- R&D**

* Creating drawing of assembly and BOM (Bill of Material).
* Manufacturing tolerance setting as per ASME.
* Assembly tool design and fixture design for shop floor.
* Completing the Projects(New Product & Engineering changes) with respect to APQP timeline and on time product launching
* Designing Gauges to simplify the existing quality checking method.
* Contributes as a team member on development projects carrying out assigned responsibilities in a timely, diligent and professional manner.
* Preparing Control plan for specified product which is in under development.
* Tooling trails, Trial follow-ups, Closure of trail observation, Product proving and documentations of NPD and ECN.
* Taking Trials for improvement of functions of wheels from existing 4M’s.

**QUALITY**

* Responsible for QA Lab, Standards Room & CMM and Incoming Quality.
* Good knowledge and experience in handling 7 Quality tools, Customer concern analysis and problem solving techniques.
* Responsible for quality planning and continuous improvement in process and product.
* Responsible for the MSA study for gauges and instruments and SPC study for the Critical dimension.
* Responsible for Submitting PPAP documents during initial production or any changes in product or process.
* Plan and Adherence of Calibration of gauges and instruments and testing lab.
* Can handle and perform all wheel related testing like Corner fatigue Test, Radial Fatigue test, Weld shear test, Weld penetration test, salt spray analysis & Unbalance testing.
* Conduct process & product audit.
* Statistical process controlling, working new product development, IPP trial and Product process verification, validation.

**ACHIEVEMETS**

* Awarded as Excellence in the Customer Specific requirement of Volkswagen, Mahindra & Mahindra and JLR.
* Best Supplier award for the year of 2014 from Volkswagen for the supply of the quality product and on time delivery as per the requirements.
* Implemented horizontally the error proofing jigs in assembly board for the similar looking components used for the assembly.
* Winner of Intra College Sports in Cricket.
* Cost saving by converting the scarp gauges into new gauges of small dimension.
* Implementation of color code method for easy identification of customer.

**AREA OF KNOWLEDGE**

* Knowledge in **ISO/TS 16949:2009, ISO/IEC 17025**
* Sound knowledge in ERP software
* Good knowledge in portable **CMM** (LK Integra).
* Knowledge in **Core Tools**(**APQP, PPAP, FMEA, SPC, MSA**)
* Knowledge in **GD&T** Principles

**COMPUTER PROFICIENCY**

* Having Experience in Computer MS OFFICE Package, AUTOCAD 2013.
* Strong knowledge in **Plant Design Management System (PDMS)**

Handled Designs

* SAP

**QUALIFICATION**

* **Bachelor in Mechanical Engineering:**

Institution : SKP Engineering College, . Tiruvannamalai

Percentage : 7.74 CPGA (2010-2014).

* **HSC:**

Akt Academy Matric Hr Sec School**,**

Percentage:89.6%

* **SSLC:**

St. Micheals Matric Hr Sec School

Percentage:84.9%

**PROJECT PROFILE:**

* Project Name : Project Completed on **“Fabrication and Investigation of Mechanical Properties Al 6061-B4C-Graphite”.**

**Project Description**

* Due to the demand in light weight material and to withstand the high temperature and resist the wear, the composite materials were used. This project deals with Al-B4C-Graphite because Al possess High strength,B4C has High Toughness and Graphite for its Lubrication property.

**Personal Information:**

**Gender:** Male

**Date of Birth:** 30/04/1993

**Marital Status:** Single

**Nationality:** Indian

**Languages Known:** English, Tamil and Hindi.

**DECLARATION**

###### Ihereby declare that all the details produced by me in the resume are true in all respect.

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