# Y.V.VINAKSUDHIR

**EMAIL:** [**vinakrihdus1994@gmail.com**](mailto:vinakrihdus1994@gmail.com)

**PH: +91 8270855632**

**CAREER OBJECTIVE:**

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organisation and enhance my experience through continuous learning and teamwork.

**TECHNICAL &SOFT SKILLS:**

* Programming skills: AUTOCADD
* Good knowledge on APQP and PPAP documents.
* Operating systems: Windows 2007, XP
* Other Packages: MS Office 2007, MS WORD, MS EXCEL
* Software Skills: SAP, eISIR, ΕRP
* Good knowledge in Handling Measuring equipment’s and quality tools.
* Experienced in coordination with the suppliers, internal project team and lead plant for the development activities.
* Good knowledge on conducting functional test related to motor child parts.
* Handling customer’s related to PPAP documents and new parts approval.

**ACADEMIC CREDENTIALS:**

B.E in Mechanical Engineering from Karpaga Vinayaga College of Engineering and Technology with CGPA - 7 in the year 2012-2016.

Intermediate from St. Joseph’s Matriculation Higher Secondary School with 81.4% in the year 2010.

High school from St. Joseph’s Matriculation Higher Secondary School with 80.67% in the year 2012.

**PROFESSIONAL EXPERIENCE**

Position : Graduate Engineering trainee

Duration : July 2016 to July 2017

Employer : BOSCH Electrical Drives India Pvt Limited

Projects handled : Power steering motor, Globe blower motor,

window lift motor, Wiper system

Customer : Hyundai, Renault Nissan, Maruti Suzuki

Location : Chennai, India

**DUTIES AND RESPONSIBILITIES:**

* Responsible for ISIR (Initial Sample Inspection Report) which includes development of new parts (A, B, C, D Samples), Inspecting them according to drawing and to release the inspection report.
* Responsible for Evaluating the PPAP documents through eISIR (A software for releasing online PPAP), and training suppliers who are new to eISIR through

Supply on.

* Coordination with the suppliers for measurement co-relation activity during development process to avoid ambiguity in measurement during serial production.
* Coordination with Supplier, Project purchase, Engineering, Buyer, Lead plant, Process experts for the PPAP documents and eISIR activities.
* Handling Internal and external audits related to eISIR topics and owner for all the documents related to PPAP process.
* Responsible for gauge management, work allocation to associates for inspection activity and annual requalification with the coordination of external and internal labs.
* Core team member of Value stream organisation to support to resolve internal and external quality issues.
* Responsible to implement the new measuring instruments, fixtures during new project development.
* Knowledge of all calibration and all QC Tools.
* Organise the sample testing, inside and outside laboratory.
* Developing Gauges, Jigs and fixtures for measurement.

**PROFESSIONAL EXPERIENCE**

Position : Junior Quality Engineer

Duration : August 2017 to September 2018

Employer : JJ Engineering

Projects handled : Fabrication

Customer : Bharat heavy electricals limited.

Location : Chennai, India

**DUTIES AND RESPONSIBILITIES:**

* Responsible for all quality related welding defects.
* Problem solving related to welding defects and giving approval for the welding parts .
* Coordination with customer for problems related to welding defects.

**PROFESSIONAL EXPERIENCE**

Position : Senior Executive(NPD Quality)

Duration : December 2018 to Present

Employer : Mudhra Fine blanc. Pvt. Ltd

Projects handled : Blanking and stamping projects

Customer : BOSCH,BRAKES INDIA, HYUNDAI, IWIS, AMVIAN etc…….

Location : Chennai, India

**DUTIES AND RESPONSIBILITIES:**

* Good knowledge on APQP documents and custodian for NPD.
* Responsible for all new parts PPAP documents which includes development of new parts (Prototype, Pre launch and Production), Inspecting them according to drawing and to release the inspection report to customers.
* Preparing all PPAP documents like Control Plan, PFMEA, Process flow diagram, MSA, SPC etc…. and submitting all documents to customers and getting approval for PSW sign off.
* Handling Internal and external audits related to PPAP documents and owner for all the documents related to PPAP process.
* Monitoring all parts based on SLP process for 3 months/3 lots whichever is higher.
* Handling customer problems at the time of production for first three months.
* Responsible to implement the new measuring instruments, fixtures during new project development.
* Knowledge of all calibration and all QC Tools.
* Organise the sample testing for 3rd party laboratory.
* Developing Gauges, Jigs and fixtures for measurement.
* Preparing and solving the 8D problems related to customer complaints and internal complaints.
* Good knowledge on fine blanking process and stamping process.
* Responsible for audit preparation for both customer and supplier.
* Strong knowledge on QMS activities.

**Measuring handling equipments**

1. Video measuring system

2. Surface roughness tester

3. Profile projector

4. Air Gauges

5. 2D-Height Gauge

6. Digital Rockwell hardness tester

7. Micro Vickers hardness tester

8. Universal testing machine

**PROJECT WORK:**

* Project Title : Making a four stroke Engine run on water instead gasoline.
* Platform : AUTOCADD

**Project Abstract**:

* The main aim of the project is to run a four stroke engine by using electrolysis of water. Electrolysis of water is the decomposition of water into oxygen and hydrogen gas due to an electric current passed into the water. A DC electrical power source is connected to two electrodes such as stainless steel which is placed in water. Hydrogen will appear at the cathode and oxygen will appear at the anode.
* The amount of hydrogen generated is twice the amount of oxygen and both are proportional to the total electric charge conducted by the solution. The hydrogen gas is passed through the air valve which will be mixed with air and passes to the engine. During suction stroke, air and fuel mixes in the cylinder and burns it at the ratio of 2:1%.

**PERSONAL DATA:**

Full Name : Y.V. Vinaksudhir

Date of Birth : 9th November 1994

Place of Birth : Chengalpattu, TamilNadu, India

Sex : Male

Marital Status : Single

Permanent Address : Sagaya Nagar, Esur post, Padalam(via),

KanchipuramDt – 603308.

Mobile Number (India) : +91 8270855632

Email Address : vinakrihdus1994@gmail.com

Languages Known : English, Tamil, Telugu

Indian Driving License : TN19Z20160000532

Year of Experience : 3+ Years

**DECLARATION:**

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place: Chennai Yours Sincerely,

Date :July 2020 Y V VinakSudhir