

THIRUVENGADAPRABU.S

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Carrier Objectives

To work in a challenging environment, where I would lay my hard work to the organization's best use and which would make me a versatile in my career.

Technical skills

Domain Area: - Costing, Sourcing, Vendor Development, Part Development & Project Management ,secondary process handling(CNC,VMC,Heat treatment,Plating,Grinding,Pressure Die casting,Press shop,Rubber over moulding)

Industrial Exposure: - Automotive, Pump Industry, Pneumatic product & machine manufacturing company.

Tools:- Auto CAD, MS Word, Excel, Power Point, SAP & Oracle.

Organizational experience (Totally 13 years' experience)

1. L.G. Balakrishnan & Bros Ltd -Fine Blanking division
2. CRI pumps private limited -Unit Ransar-1
3. SKYFAST (unit of M/s .Janatics India private limited)
4. L.G. Balakrishnan & Bros Ltd-Fine Blanking division
5. Kasthuri Machine Builders

1. L.G. Balakrishnan & Bros Ltd: (Jan-2017 to till date)

Manufacturer of : Fine Blanked Parts for Automotives, Textiles & Electricals industry.

Designation : Senior Engineer(Project Team Leader)- New Product Development Dept

Job Responsibilities

- Carry out the feasibility study activity with cross-functional team based on customer drawing.
- Product conceptualization study and preparing stage wise drawing.
- Preparation of Process Flow Chart, Control plan, FMEA, Quality plans and plans for the material, tooling, Jigs/fixture and Gauges/instruments for inspection.
- Proto sample making and testing the developed product as appropriate with customer.
- Fine blanking machine selection by calculating the force required to blank the component.

- Product follow-up, Preparing Monthly development progress list, Presentations for the development products.
- Prepare the APQP & PPAP documents
- I will Update the status weekly once with customer as per given Gantt chart
- Process improvements and cost reduction activities.

LIST OF PROJECTS & CUSTOMER HANDLING: -

Market	Customer	Part	Vehicle
Domestic	M/s.REML	Timing sprocket	Thunder bird,meteor,classic and hunder model
Domestic	M/s.Schaffler	Shifting tower parts	End customer M/s.Fiat ,model linea
Domestic	M/s.Jawa	star draum,Ring speed sensor	Jawa 42
Domestic	M/s.Force motor	shifting rail child part	Urbania
Domestic	M/s.TVS-BMW	Gear shifter assembly	G310R
Export	M/s.Harely davidson	Gear shifter assembly	Lamotta project X440
Export	M/s.Eaton-poland	Carrier assembly-Ev 4wheeler	End customer M/s.Porsche-under testing
Export	M/s.BMW	Parking lock project-4wheeler	under development

2. CRI pumps private limited: (Jan-2015 to Jan -2017)

Manufacturer of : Leading Pump industry. Manufacturing the all kind of both domestic & Export pump

Designation : Senior Engineer- Manufacturing Engineering Dept

Job Responsibilities

- Evaluates the manufacturing processes and cost saving improvements.
- Set plant layout & Production process flow
- Establish standard operating procedure and fix the process parameter.
- Design and manufacturing the Production equipment (like press tools, jigs & fixtures).
- Reduce the product cost by introduce the new fixtures or changing process layout.
- Validate the process and standard Cycle time for all components
- Arranging the proper material handling for all components.
- Introduce the new KAIZENs.
- Validate and Arranging Infrastructure for production team (machinery capacity) by calculating capacity plan.

- Solve the in-process quality defects.

5S and TPM activity

- 5S activity implemented on Our Tool crib Area. Champion of 5S activity in our company
- Myself lead the below two KK pillar projects.
 - 01. Single Minute Exchange Die
 - 02. Yield Loss
- I am a member of the AM pillar team.

3.SKYFAST (unit of M/s .Janatics India private limited) (Jan-2014 to Jan2015)

Manufacturer of : Aluminum housings for cylinders and valves body..

Designation : Engineer- Product Engineering Development Dept

Job Responsibilities

- Productivity improvement by providing new jigs & fixtures or changing process or product layout.
- Analysis and solve the process defects.
- Validating the existing standard time and reduce the cost of product.
- Proper material handling to be provide to production dept
- Reduce the tooling's consumption (Drill bit,tap,Inserts and Core pin for die casting tool)
- Introduce the new Kaizens

4. L.G. Balakrishnan & Bros Ltd:- (Jan-2012 to July 2013)

Manufacturer of : Fine Blanked Parts for Automotives, Textiles & Electricals industry.

Designation : Engineer -New Product Development Dept

Job Responsibilities

- Product Dimensional, Application and Functional requirements study based on the customer drawing & other input data with cross-functional team.
- Conducting feasibility study on customer requirement with CFT.

- Preparing Quotation for the Enquires & getting PO
- Preparation of Process Flow Chart, PFMEA, for the development Products.
- Prototype, pilot lot submission to customer.
- APQP and PPAP submission to the customer
- Product follow-ups, Tool manufacturing and tryout
- Preparing Monthly development progress list, Presentations for the development products.
- Process improvements and cost reduction activities.

5.M/s.Kasturi Machine Builders-Coimbatore:. (May 2010 to Jan 2012)

Manufacturer of : Special Purpose Machine manufacturing industry.

Designation : Jr. Engineer- Assembly Line

Job profile

- **Quality control:** Supervising the team of quality control and production to achieve the task with quality.
- **Quality Plan and Implement:** Providing necessary Support to ensure a quality Products.
- **Machine shop:** Responsible for the engineering section to carrying out improvements and requirements as per Customer needs.
- **Jig and Fixture Design:** Preparing detail drawings of checking fixture and gauges for continuous production item.
- Calculation of **Gears, Designing of Mandrels for Production.**

Job Responsibilities:

Verification and Approval of Machine Stage Drawings.

- Inspection of Components.
- Work planning for labours.
- Get customer requirements {likes POKE YOKE systems} complete before erection.

LIST OF PROJECTS & CUSTOMER HANDLED: -

Customer	Machine
M/s.TVS-motors -Hosur	Oil Pump shaft drilling multi spindle machine
M/s.Fennar India-Madurai	Rubber Cutting machine
M/s.Pricol	Speed meter Printing machine

M/s.LGB-Pongalur

Sprocket tapping machine

Educational Qualifications

Qualification	Institution Name	Duration	Credits
BE(Mechanical Engineering)	KSR College of Engineering Namakkal	2006 to 2010	70.28%
HSC	Govt. Higher Secondary School Pethikuttai	Mar-06	72.40%
SSLC	Govt. Higher Secondary School Pethikuttai	Apr-04	81%

PERSONAL DETAILS

Date of birth :24.07.1989

Sex :Male

Marital Status : Married

Languages Known : Tamil, English, (Kannada to speak).

DECLARATION

I hereby affirm that all the details furnished are true to the best of my knowledge and conscience.

Place :

Date :

(S.THIRUVENGADAPRABU)