

Shwetha R

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OBJECTIVE:

To work in a challenging and dynamic environment and to keep adding values to the organization and to myself, meanwhile concurrently upgrading my skills and knowledge.

PROFESSIONAL PROFILE:

- A dedicated professional with **4 years of experience** in an Electronic Manufacturing Services (EMS) sector as New product development and Process improvement engineer.
 - Experience in production, Quality, SMT process.
 - Technically accomplished to design and procurement of Stencils.
 - Ensuring Proto, Pilot lots are run as per customer requirement.
 - Able to identify problem areas and successfully implement solutions.
 - Supportive and enthusiastic team member dedicated to streamlining processes.
 - Strong team leader ,builder and facilitator.
 - Trained on Internal auditor for quality management system ISO 9001:2015, IPC A 610 F, 5S, Kaizen, 8D, Poka Yoke , ISO 9001:2015/TS 16949:2016, AS9100 Standards, SPC and 7QC Tools conducted by KAYNES TECHNOLOGY.
- Now seeking to contribute my experience, skills and expertise to the organization.

EDUCATION:

- Pursued B.E in Electronics and Communication Engineering (2014-2017) from ATME College of Engineering, Mysore with 62.53% aggregate.

EXPERIENCE:

M/s KAYNES TECHNOLOGY INDIA PVT LTD, MYSORE 22nd Nov 2017 - 6th Dec 2021

Job Responsibilities:

- Review of Customer technical requirements, documents and feasibility study relating to product development.
- Knowledge on preparation of Advance Product Quality Planning for all new products with CFT members.
- FMEA and CP preparation with the CFT team.
- Preparation of Quality plan based on the documents shared by customer.

- Preparation of Bill of material, process documents like process flow design, Work instructions which should be able to deliver the information of CSR (Customer specific requirements) to production line.
- Designing and procurement of Stencils.
- Gerber review and supplier development.
- Engineering change management for products (ECN).
- Implementing the ECN in ERP database
- FAI preparation and submission for all new products.
- Coordinating with buyer for material procurement to meet customer promised delivery date (PDD).
- Escorting proto and pilot lots.
- Handling & Evaluating customer rejections, identifying root cause of problems, initiating necessary corrective and preventive actions to achieve zero customer complaints (CAPA/8D Reports).
- Knowledge on PPAP submission.
- Resolving issues with suppliers and sub-contractors relating to manufacturing, quality, engineering queries and also interacting with customers.
- Study of custom built drawings and doing sample evaluation on first part to make sure all the drawing requirements are met and preparing inspection plans for custom built parts.
- Jigs, tools and fixture development for new and existing products to reduce the cycle time of production.
- Finding internal stock availability in terms to achieve QCD.

TECHNICAL SKILLS:

- ISO 9001:2015, IATF 16949:2016, AS 9100
- PFMEA, CP, APQP, FAI, ECN Management, PPAP, BOM
- Well knowledge of 5S, ESD, MSD
- Well versed with Computer Applications like Microsoft Office (Excel, Word, PowerPoint & Outlook), Internet & ERP.
- Good in Quality Circle.

HANDLED CUSTOMERS:

Defence sector: ECIL, HAL (MCSRDC, SLRDC), ADE, HVF, MTPF, CVRDE, Alpha Designs.

Industrial sector: Teleconnectors, Infosys.

Products handled: USB Adapter (unit integration), USB headset (Unit integration) and all defence sectors PCB level.

Automotive: Marquardt.

Kaynes product:

KLIENBOT – Solar panel cleaning robot

This Product is used for cleaning the solar panels used in Solar Power plants to eliminate Manual Labour.

Generally there are two types of cleaning:

Dry type: For cleaning the dry dust particles that are deposited on the panels (fine dust of Soil or Sand or any other). Here there is a roller cleaner controlled by Robot Circuit that runs rotating on the Solar Panels and removing the dry dust.

Wet type: For cleaning bird droppings or any other such deposits on the panels.

The circular brush rotates in the position of dark spots identified by the image captured from a thermal Camera (image processor). The water will be supplied to this brush by a small tank fitted in the control Box assembly. The brush moves both in X and Y direction.

Project Responsibilities:

- Drawing study.
- RMC Calculation.
- Finalizing the BOM structure.
- Vendor sourcing.
- Cost down activity by sourcing and validating alternate parts.
- Preparation of IQC plan and checkpoints for machined parts.
- Preparation of process documents.

HOBBIES:

cooking, listening songs, Art & Craft

PERSONAL DETAILS:

Date of Birth	:	30/07/1995
Nationality	:	Indian
Languages Known	:	Kannada, English
Mother Name	:	Kamala
Father Name	:	Ravi

Declaration

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

Date:

Place: Mysore

(Shwetha R)