

BALAMURUGAN. A

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India
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CARRIER OBJECTIVES

Intend to pursue a career in a company of repute with committed and dedicated people, which will help me to fulfill my goals and objective in life. Willing to add value to my career through dedicated work, creativity, perseverance and team work. Smart worker, fast and quick learner, analytic mind and aptitude, can adapt to diverse situations.

SKILLS INVENTORY

EDUCATIONAL QUALIFICATION

2011	Bachelor of Engineering (B.E) in Electrical And Electronics with First Class, ANNA University, Tiruchirappalli, Tamilnadu	70%
2008	Diploma in Electrical And Electronics with First class with Distinction N.L.P polytechnic, Mettupalayam ,Tamilnadu	93%
2005	(SSLC), Government Higher Secondary School, Coimbatore,Tamilnadu	80%

AREA OF INTEREST

- Quality Assurance , Quality Control , Special Testing , Research & Development of New product , Solutions, Exploring Process development , Innovative products

WORK EXPERIENCE

- **Thirteen years' experience** in Wires and cables manufacturing process, Quality control & assurance activities , New product development , Customer Handling & problem Solving activities , System certification , Product certification ,Training peoples towards organization goals , Inter department development planning & support.
- Currently working at **Coptech Wire& Cable Pvt Ltd** as **Deputy Manager** in QA department
- Previously were working at **Goflex wire and cable** (Unit of C.R.I Pumps), as **Senior Quality Engineer** from Jan 2015 to Jan 2021.
- Four years were working at **Kamadhenu Wires, Coimbatore** as **Quality Head** from June 2011 to Jan 2015.

PASSPORT DETAILS

No: X2536345

NATIONALITY
Indian

MARITAL STATUS
Married

GENDER
Male

DRIVING LICENSE
Indian

DATE OF BIRTH
July 12,1990

SKILLS ENHANCEMENT

COMPUTER SKILLS

All Windows version,
Fluent In Doc,XL,PPT,
, Simulink,
Basics C,C++,
POWER BI-
Intermediate

LANGUAGES KNOWN

English **(RWS)**
Tamil **(RWS)**
Kannada **(S)**

RESPONSIBILITIES HANDLED

- Implementation and document preparation of ISO 9001:2015 and technical details preparation for Various IS , IEC, BS ,EN & UL cables standards (IS 694 ,IS 8783 ,IS 9968,IS 9857,IS 6380, UL 44, UL854,UL 4703,UL83, and various PVC & rubber related IEC ,BS,UL standards)
- Conduct and supervising the testing as per ISI, IEC, ASTM ,UL ,standards, maintaining records and documents for ISI inspection
- Providing Training to the new joiners and trainees in testing and manufacturing activities of PVC cables, XLPE, XLPO, RUBBER /EPDM cables and Winding wires.
- Preparing Quality manual and Quality plans with reference of ISO,IEC, ISI ,UL Specifications & standards
- Update the testing process as per IEC, UL, ASTM & ISI updates and improving testing method with adequate and high end equipment wherever necessary
- Responsible for conducting special testing in cables, Smoke test, Halogen test, Oxygen & Temperature Index to improve the product reliability and performance
- Conducting periodic supplier quality audit and ensuring the incoming material quality also enhance the supplier performance
- Monitoring and controlling on time calibration of testing and manufacturing equipments.
- Attending customer complaints and resolve the issues with taking necessary actions (CAPA & 8D) to obtain zero complaints and improve the customer satisfaction
- Using basic quality tools , data collection and analysis to developing poke yokes ,control measures , SOP to increase product reliability and also periodically visiting customer site to get feedback on product
- Responsible for high quality in products in each process, has to bring in focus on quality and enhance the quality culture and implementing quality tools like 5s, Kaizens, Lean methods
- Examining the plant facilities and machines adequacy for production, reporting to the Unit Head and following up on the corrective actions taken and for effective utilization
- Handled up to 35 members team for Quality assurance process

TECHNICAL SKILL

- Hands on experience in ISO 9001, ISI, IEC, CE, UL, related audits and documentations.
- Implementing poke yokes and QC tools to improve the product quality consistency with continuous analysis of product /process data
- Hands on experience in understand the standard's (UL,IEC,ISI,BS) and preparing test plan ,quality plans for products, also preparing and updating Standard operating procedure & Process setup parameter
- Sound knowledge in Customer complaint handling and 8D preparation
- Exposure in source finding, proto type creating for existing and new products, process ,supporting to purchase manufacturing engineering and marketing team ,
- Having Exposure in PVC compounding manufacturing process and Testings

EXPERIENCE IN RESEARCH & DEVELOPMENT

- Sound Knowledge in understanding concept and process quickly, so that can support in Cost reduction activities wherever required
- Researched and reduced the product manufacturing cost in terms of creating new design and reduced manufacturing cycle time also
- Developed new product against the field failure causes , Leak free cable product introduced s in pumps to avoid field failure in submersible applications
- Reduced quality cost and improved the product quality in terms of supplier development and calibrations.
- Assisting management for to increase product types in company production and implemented three new types of products.
- Continuously upgrading quality of product and implementing automation in production area to reduce man dependent operation and reduce mistakes.
- Implemented lean and TQM concepts to improve product and process quality

PROJECT DETAILS

In UG: "LOAD FREQUENCY CONTROL USING PID CONTROLLER TUNED BY ANN"

In DIPLOMA: Title: "DC Motor Speed control using H-Bridge "

PERSONEL SKILLS

- ✓ A good team leader with leadership qualities
- ✓ Positive approach attitude
- ✓ Good creativity and communication skill
- ✓ Innovative thinker
- ✓ Quick adaptability to new environment

EXTRACURRICULAR ACTIVITIES

- ✓ Participating in various Wire & cable Exhibition (India ,China, Germany), for Product ,Process knowledge, Improvements
- ✓ Headed QCFI team in C.R.I Pumps and won the Gold trophy in chapter convention at 2019 for presentation and project done on scrap reduction ,cost reduction
- ✓ Participated in Advanced FMEA , SQC , Basic and advanced QC Tool training
- ✓ Attended **NSS camp** at N.L.P polytechnic at 2006 and being a member in **NCC** in school at 2003-05.

- ✓ Participated in the various concurrent program organized under NSS.
- ✓ Participated in Two days state level workshop on “**Embedded Engineering solutions for Automation**” at Anna University Tiruchirappalli.
- ✓ Participated in Project Exhibition ‘**INNOVAUT 2011**’ at Anna University of Technology, Tiruchirappalli.
- ✓ Had won **Zonal and Inter-Zonal 2011 cup in ‘BASKET BALL’** at PABCET, Tiruchirappalli.
- ✓ Member in Environment clean Organization, Tamilnadu at 2003.
- ✓ Active rotaractor and president of Rotaract club Of Thondamuthur, RI dist 3201.

DECLARATION

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

Place: Coimbatore

Date: 03.12.2024

(A.BALAMURUGAN)

***Supporting Documents and References will be provided on request ***