

H MOHAMED KHALID

Electrical and Electronics Engineer

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SUMMARY

- Qualified Electrical and Electronics engineering professional with 2 years of experience in quality control and electronic components
- A highly motivated individual with an entrepreneurial spirit who can ensure that manufactured products adhere to the highest quality control standards
- A strong minded individual who can confidently make a decision and not afraid for rejecting products that are not up to standard
- A leader with strong skills in taking continuous process improvement and cost reduction initiatives and leading In-process & outgoing quality control team
- Effective communicator and negotiator with strong analytical and problem solving skills & excellent Communication skills

SKILLS SET

- Quality Control
- FMEA
- Poka-Yoke
- Continuous Improvement
- Kaizen
- PLC
- SCADA
- Leadership

CAREER CONTOUR

Employer Name : Perfect Electronics Pvt Ltd, Chennai
Designation : Technical Assistant
Role : Quality Control (Incoming, In-process & Outgoing)
Experience : From October 2014 to November 2016

ROLES AND RESPONSIBILITIES

- Supervising the production procedures and systems to ensure that all manufactured goods conform to the highest applicable specifications with desired quality
- Resolving all product non-conformances that occur during the manufacturing process and reduce the failure and internal rejections through the root cause analysis method and FMEA
- Responsible for testing samples of a finished product, problem solving and managing the quality control in a busy engineering facility
- Analysis of customer complaints through CAPA & 8D approach and implementation of corrective actions and monitoring its effectiveness
- Leading, monitoring & mentoring the performance of team members to ensure efficiency and provide training to new members in quality control team
- Implementing Kaizen, Poka-Yoke and 5S activities for continuous process improvement

- Evaluation of new developed samples & specifications and preparation a quality plan to control Production operations
- Making sure that the company's employees know and understand what is expected of them as regards Quality control

ACHIEVEMENTS

- Promoted to Quality Control Specialist/Training Coordinator within 6 months
- Reduced number of customer complaints(SCAR) by 90% and received only one customer complaint from the year april'15 to april'16
- Successfully done a Project “Wire Cut Reduction by Gripper “ and reduced 75% of scrap due to internal wire cut in the coils
- Implemented a Kaizen in production process by replacing a new tool that simplified a process and reduced wire waste by 30 percent
- Implemented a poka-yoke technique in winding machine by modifying the mantle based on bobbin so that wrong insertion of the bobbin was prevented and reduced wire wastage up to 20 percent

EDUCATIONAL QUALIFICATIONS

| COURSE | INSTITUTION | YEAR OF PASSING | AGGREGATE |
|--|--|-----------------|-----------|
| B.E (Electrical & Electronics Engineering) | Prince Shri Venkateshwara Padmavathy Engineering College, Chennai. | 2014 | 66% |
| HSC | Veludayar Higher Secondary School, Thiruvarur. | 2010 | 83.4% |
| SSLC | Veludayar Higher Secondary School, Thiruvarur. | 2008 | 91.4% |

ACADEMIC PROJECT

Project Title: BRAIN COMPUTER INTERFACE FOR SMART HOME CONTROL

Description: The aim of this project was to control the switch ON/OFF of a fan and light automatically by using brain commands such as attention level and eye blink level so that there was no need for physical movement. The Brain computer interface module absorbed these brain commands, which consists of Electroencephalography (EEG). Then these data signals sent to microcontroller to control the switch.

PERSONAL PROFILE

Age & Date of birth : 24 & 05-11-1992
Nationality : Indian
Marital status : Single
Passport number : M4084030
Passport expiry date : 27-11-2024
Languages known : English, Tamil

DECLARATION

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Date:

Place:

(H. Mohamed Khalid)