

BALASIVASANKAR.M
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OBJECTIVE

Highly skilled Quality Assurance Inspector with varied experience testing and inspecting products in a large production facility. Exceptional ability to read interpret and understand Gerber ,engineering documents blueprints and specifications To Work & improve Part & process quality continuously & to satisfy both internal & external customers all the time. Being a quality oriented, motivate team member, wish to work in an Organization in below mentioned areas. Provided new exposures to ideas and stimulates personal and professional growth.

PROFILE SUMMARY

- Experience in electronics manufacturing organization in Incoming Quality Assurance (IQA) and SMT Technical Engineering
- Experience in preparing Stencil report & Inspection report
- Review customer Gerber files and layout panel design for lean efficient manufacturing.
- Experienced in working with Production team and communicating the GYAT parts
- Good experience in sorting out the problems during manufacturing process.
- Good knowledge on implementing POKA_YOKE and KAIZEN.
- Incoming inspection of PCB as per IPC 600 A - J and SMT Production as per IPC 610 Current Revision
- Continuous improvement

CORE QUALIFICATION

- Developed work method documentation and utilizing time study techniques to support manufacturing process
- Excellent analytical and problem solving skills
- Excellent communicator with internal team and Operators.
- Ability to work independently as well as a team member
- Ability to interface effectively with all levels of organization and external supplier
- Team building and leader ship
- Daily management for production, quality, safety and take corrective action to achieve exactness and retain the levels already achieved. Adhere to Quality systems and EMS requirements.
- Provided facility layout and design recommendations for new methods and process flow improvements.
- Daily management for production, quality, safety and take corrective action to achieve exactness and retain the levels already achieved. Adhere to Quality systems and EMS requirements.
- Worked with production planning and purchasing to resolve issues.

PROFESSIONAL EXPERIENCE

**Income Quality Assurance
Sanmina Sci Pvt Ltd.**

**08/May/2017 - 20/Sep/2018
Chennai , IND**

- Perform In process inspections first piece article and final audit inspections
- Operate automated measuring machine that could include and of the following: CMM (Coordinate Measuring Machine) MicroVU Smart Scope Fine Scan and Faro Arm
- Perform part layouts gage calibrations Gage R&R's utilizing Gage Trak system
- Read and interpret blueprint drawings
- Verified compliance to customer drawings specs and additional requirements
- Compiled all technical data of non-conformance in order to launch ORACLE-based quality discrepancy sheets for professional assessment in accordance to the manufacturing engineering documentation
- Carried out and documented first piece in process and final inspections; determined and reported and non-conformances
- Maintained all necessary quality records and documents
- Executed technical inspections in the production process of the Medical in the context of the authorization of manufacturer operation
- Prepared visual incoming first article and final inspections
- Documented technical inspections performed in the production orders AGILE based and the relevant AGILE based IT systems by inspection marks
- Supported troubleshooting and participated in Quality survey requests
- Reported all results of technical inspections in AGILE-based IT system
- Good knowledge of GD&T; detail-oriented with great communication and computer skills

**SMT Technical Engineering
Enthu Technology solution Pvt Ltd.**

**28/Jan//2019 - Present
Coimbatore, IND**

- Program and optimize SMT machine YXING 460 660 880 with EASYOLP program for production.
- Coordinate and execute maintenance and maintenance schedule on all manufacturing machines.
- Work closely with Customer Design Engineering on all prototypes/NPI helping to design appropriate penalization of PCBs for cost effective utilization.
- Custom order stencils for MPM screen printer based on type of SMT components.
- Profile Heller SMT reflow oven with a mole to ensure accurate ramp/dwell time.
- Perform set-up, installation, configuration and troubleshooting of machines
- Perform basic calibration of machines
- Troubleshoots equipment-related problems and ensures machine efficiency to achieve quality and production targets to each production line.
- Reviews record of abnormalities per machine per line and reassures no recurrence of the same non-conformities.
- Advanced knowledge of SMT and PCBA manufacturing
- Controls and maintains tools & accessories such as chip mounter nozzles, screen printer stencils, squeegees, feeders, PCB support tables/pins/templates, PCB temperature profilers, PCB magazines, temperature profiling transmitters and receivers, Yamaha Offline Programming Station
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RESPONSIBILITIES

- Monitoring the Incoming Rejection taking disposition
- Analyzing and providing the disposition for the problematic parts reported from production and FA.
- Migration of parts from Incoming Quality inspection to STS.
- Documentation skills in equipment maintenance, programming and operation, SMT process and work instruction..
- Knowledgeable in PCB Assembly IPC Standard
- Profiling, establishing temperatures and analyzing thermal profiles of Heller and Furukawa reflow ovens.
- Supported and enforced cleanliness, 6S, ESD and ergonomic processes.
- Ensure manufacturing floor stays on schedule.
- Involve in CFT meeting regarding customer claim and machine, process improvement.
- Prepares necessary documents needed on customer and ISO audits.
- Trained, guides and gives work directions to machine operators, maintenance staff and production personnel.
- Coordinate with service engineers on machine status.
- Work experience in ORACLE ERP system, Agile, SFDC (shop floor database)
- Bare PCB inspection for incoming parts as per IPC standards
- Specialist in Electronics parts Inspection
- Expert in handling measuring tools (Vernier,VMS,LCR ,Height gauge,Pin gauges etc)
- Preparing Monthly reports and weekly report
- Policies and procedures
- Process inspections
- Final audit inspections
- Troubleshooting at component level
- Documentation and records
- Hand held measurement equipment
- MS Office Suite

EXTRA SKILLS

- Oracle
- Agile
- MACH 3 MILL
- COPPER CAM
- EAGLE
- AUTO LEVELER

- DRIP TRACE
- TELEVISION ENGINEERING SERVICE
- COMPUTER HARDWARE & SOFTWARE SERVICE
- N +
- CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)
- MS-OFFICE

COMPUTER OPERATING SYSTEMS

- WINDOWS XP/VISTA
- WINDOWS 7(All version) , 8, 10
- RASPBERRY

QUALIFICATIONS

- DECE (Electrical and Communication Engineering) from Government Polytechnic college of Gandharvakkottai with 74% during the period of 2015-2017
- 12th from Govt Hr Sec School, Thanjavur in 2015 with 66.25%.
- 10th from Govt Hr Sec school Thanjavur in 2013 with 87.5%

PERSONAL DETAILS

Date of Birth : 11 -Jan-1998

Language Known :Tamil & English

Permanent Address : Paarukkaividuthy, Mohanur Po, Gandharvakkottai (TK),Pudukkottai(Dt) Tamilnadu-613301

Passport No : S1558056

Expiry Date :18/04/2028

Availability :One month notice period

Reason for Leaving : I am looking for new challenges

DECLARATION:-

I hereby declare that the information furnished above is true to the best of my Knowledge and belief.

Thanking you

Yours Faithfully

Balasisankar.M