



PUVEN S/O RAJAGURU

- Blok 5-305 Mak Mandin 13400 Butterworth, Penang Malaysia.
- **No (H/P): 016-4813385, E-mail: puvenrajaguru@gmail.com, Sex: Male**
- Age: 34, Marital Status: Married

OBJECTIVE

To be an important asset of the organization served, whilst to perform continuous successful achievements via every potential skill owned. A position as an active employee, invoking responsibility and working with others as a team member to achieve advancement and growth for the company.

WORKING EXPERIENCE

Senior Project Engineer (Progressive Build and Tools Installation)

Kinetics Systems Malaysia Sdn Bhd – (INTEL Plant KM's) 2022-Present.

HI-TECH Kulim, Kedah Malaysia.

Semiconductor factory internal and external expansion projects

- Analysing technical drawings, interpreting specifications, and determining the electrical requirements of a given project.
- Liaising with other engineers and clients to ensure overall customer satisfaction.
- Handling BMS System and technical issue.
- Handling tools installation.
- Managing and monitoring all assigned electrical projects.
- Ensuring health and safety codes are always obeyed.
- Completing quality assurance on all electrical components and projects and writing up reports.
- Analysing and approving various construction and engineering plans.
- Ensuring all deadlines and budgetary requirements are met.
- Keeping abreast of the latest developments in electrical engineering and liaise new project documents such as WMS and HIRARC.
- Energize, Test & commissioning and room readiness buyoff with QAQC team.
- Technical advice: Provide technical advice and solve problems on site.
- Site management: Oversee the day-to-day management of the site, including supervising the workforce and subcontractors.
- Quality control: Ensure that materials and work meet specifications and industry standards.
- Communication: Liaise with clients, subcontractors, suppliers, and other professionals.
- Project planning: Develop project plans, analysed survey reports, and calculate material quantities.
- Safety and compliance: Ensure compliance with local construction regulations and health and safety policies.
- Progress monitoring: Review schedules, monitor progress, and report issues.
- Record keeping: Complete and maintain detailed records.

Plant Engineer

KTMB (Ministry of Transportation Project) - Universal Rail Solutions (M) Sdn Bhd

2020-2022, Johor Baharu, Malaysia

Senior Executive

To provide a strategic engineering focus on equipment to minimize the total life cycle cost to the business by assessing the capabilities of the equipment, identifying potential failure modes, and identifying and implementing optimal equipment maintenance strategies. This includes to focusing on shutdowns, breakdown, coordination, and people management and applying reliability tools and processes, so that the equipment and processes continue to deliver their intended capabilities in the safest and most cost-effective manner for the business.

- Assure the availability of equipment's and be compliance to production requirements through maintenance activities.
- Support the actions to achieve the target of equipment availability and installation through maintenance activities.
- Assure the maintenance of the know-how through coordinate the elaboration and update of the operational procedures, instructions, and standards.
- Follow cycle time for components and propose improvements through LCC methodology.
- Coordinate and contribute to detection, report, and elimination of abnormalities in the operational process through control of the process variables, using quality tools such as pareto, failure analysis, loss profile and other that could be applied.
- Analyse equipment CMMS (SAP) performance data, equipment history, to identify repetitive and costly failure occurrences.
- Identify long-term opportunities for improvement through a focus on equipment reliability.
- Identifies and develops strategies to eliminate repetitive and major failures.
- Applies advanced reliability-based tools and processes to investigate to Root Cause analyse (RCA) equipment failure and provide recommendations for elimination, ensuring corrective actions are linked back to equipment strategies.
- Leads and facilities failure modes, Effects & Causes Analysis (FMEA) for critical equipment, identifying specific failure modes and corrective actions.
- Develop material managements.
- To providing reliability and equipment strategy input and support for the overall delivery in accordance with the plan.
- Assure the health and safety procedures for own employees and third parties through preventive actions and correction: Active Genuine care.
- Any other job or task given by management from time to time.

SMT Engineer

Sanmina-SCI System (M) Sdn Bhd

2019 – 2020, Penang, Malaysia

Manufacturing Equipment Engineer

Surface Mount Technology Manufacturing Equipment engineer use SMT equipment to improve process and procedures to streamline result. Work with computers SMT machines, circuit board and Soldering equipment. Assists in assembly and programming of SMT equipment and in-charge of SMT line.

- Perform programming, trouble shooting, maintaining SMT machines & prepare WI for necessary process.
- Type of SMT machines handled; printing (EKRA, DEK, GKG), SPI (KOH YOUNG), pick place (Assemble on-ASN, Advantest, FUJI AIMEX II), Reflow (Heller, JT oven) and AOI.

- Use quality data and tools to make the process improvement and improve products yield.
- Support, develop and provide training on all aspect of SMT equipment machinery.
- Responsive on machine downtime, back-lock, quality issue and other necessary according to the SMT line.
- Responsible and lead for the preventive maintenance for the respected line.
- Responsible for the line performance (LU, OEE, PARTS, ATTRITION and UPH). Prepare validation reports for the SMT equipment.
- Oversees the installation, modifications, upgrade, and maintenance of manufacturing equipment.
- Provide technical support to the manufacturing equipment repair and process engineering organizations. Perform area and equipment maintenance and clean up as required.

RF Tester Engineer and Department Equipment Engineer

Inari Technology Sdn Bhd (Plant 3,5,13)

2014 – 2019, Penang, Malaysia

Semiconductor Electrical & Electronic and Wafer Sort Manufacturing

- Manage electrical corrective and preventive maintenance activity. Control inventory, spare parts, and continuous improvement projects in engineering department.
- Lead a team of supervisor and technician to perform electrical & instrumentation equipment routine inspection, maintenance activities and troubleshooting activities in production line.
- Support NPI test, authenticate new product introduction and identify manufacturability, testability, assign and process deficiency.
- Experience in working with networking customer and work with customers for NPI test development. Responsible for supporting test issues.
- Prepare maintenance report, evaluation and analysis reporting, compile equipment documents.
- Involves in hands-on engineering, problems solving, manpower control & arrangement.
- To perform troubleshooting and modification in enhancing, improving overall system, process efficiency and effectiveness.
- Analyse test data to the test the performance unit's and collaborate with customer Test Equipment Engineering team (BROADCOM).
- Work with client's test engineering and production team to improve test related to yield.
- Setup tester equipment network analyzer (ZNB, ENA, PXIE) with input/output RF signal test. Provide on-site test engineering support and buy off procedure.
- Setup and installed DC Harmonic accessories test. Verify equipment calibration standard data and inventory due.
- ESD grounding installation, scope pm verification, Desiccators N2 verification, ESD Pm Check list buy off.
- Handle EG4090, EG2001, and TSK probers for ZNB, ENA, ZVT, PXIE testers as RF setup.
- Train new Technician for Calibration and Conversion (EG4090). Calibration and Conversion for Prober EG4090 and EG2001 with ENA and ZVT.
- Trouble shoot EG4090 probers and handle preventive maintenance.
- Buy off preventive maintenance probers and new equipment with GRNR standard 10 times cycle run.
- Handle Incoming Machine from loaded and unloaded area with buy off procedure.

Field Site Engineer VALE Malaysia Manufacturing Project Sdn Bhd

(VMMP Teluk Rubiah) Vale of Brazil's Iron Ore

Distribution Centre, Malaysia Equator Engineering Sdn. Bhd (JURONG Engineering LTD SINGAPORE)
as Vendor contractor.

2012 – 2014, Lumut, Perak

Field Site Engineer

- Technical supervision of general electrical and electronic construction activities.
- Follow up and inspection at Yards.
- Responsibility for compiling function and design specifications, test procedures and user documentation.
- Participate in procedure/documentation reviews.
- Provide input to, track and control changes.
- Assist during pre-commissioning and offshore installation Plan and coordinate technical issues, such as new equipment installation, upgrades, modifications, etc.
- Participate in engineering drawings and technical documents with respect to accuracy and quality.
- Supporting Yards engineering team as required.
- Verify technical changes in a way that guarantee an optimum result.
- Prepare the workers working schedule.
- Generator and machineries Inspection and Power supply planning.
- Check the condition of working area and machineries according to the checklist and organized manpower over time schedule. Making sure projects meet electrical and construction safety regulations.
- Scheduling and coordinating work to tight deadlines.
- Direct and coordinate manufacturing, construction, installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, codes, and customer requirements. Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.

EDUCATION

Postgraduate Diploma in Electrical and Electronic Engineering

Institute Technology Pengurusan (ITP), Penang.

Project: Peripheral Interface Controller (PIC)

Postgraduate Industrial Engineer.

CERTIFICATE

- ISO 9001 Training
- RF Test Engineer Certification
- (PSDC-IESCP) Industry Specialized Certification Programs
- ERT Training
- First Aid Training
- CIDB MALAYSIA
- NOSH Global Basic Fire Safety for ERT Training by HRDF Ministry of Human Resources Malaysia □
- AutoCAD Application Level 1&2
- Basic Fire Fighting & Fire Prevention Training

SKILLS

- RF Tester setup and Troubleshooting
- AutoCAD
- Automotive
- Microsoft (Word, Excel, and PowerPoint)
- Leadership
- Project coordinator
- Trainer

REFERENCES

- **Mr. Martin Chan**
- Senior Project Manager
- *012-4107960*

- **Mr. Abraham Joseph**
- Senior Project Manager
- *012-6031428*

PREFERENCES

If employed by the company:

Willing to Travel	Yes
Relocate	Yes
Possess Own Transport	Yes
Availability	4 weeks' notice period
Expected salary	Negotiable