



GAJHENDRAN KARANA B.ENG

EQUIPMENT ENGINEER | B BRAUN MEDICAL INDUSTRIES SDN BHD
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| 432 Upper Changi Rd #02-22 Singapore 487049 East Village |

CORE COMPETENCIES

- Professional Product Training Certification – Computed Radiography System by Agfa Healthcare
- Advance knowledge on Programming Language – **PLC, C++, Matlab**
- Experiences on statistical software – **Minitab & SPC**
- Advanced knowledge on Vision Software - **Omron & Keyence Vision System**
- Microsoft Office – **Excel, Access, PowerPoint, Word**

OBJECTIVES

- I'm passionate about my role whereby I'll be able to utilize and improve my people skills as well as other leadership qualities for the betterment of the organization
- I value new & challenging experience in all areas of working life to enhance effective interpersonal skills and continuous knowledge
- Adaptation towards continuous innovative and creative approach.

PROFILE SUMMARY

- Worked with reputed companies internationally that offered **wide exposure on diverse technologies & environments**; applied knowledge & expertise, working with people from different nationalities & abilities in creating opportunities and expanding businesses
- Honed expertise in **Quality Assurance and Operational Excellence** with skills in overcoming complex business challenges
- Excellent understanding on **Total Productive Maintenance, Six Sigma, FDA requirements, lean practitioner, MSA, GR&R, GDP & GMP**
- In depth experience – **Maintenance, Servicing, Troubleshooting medical equipment's[X-RAY, CR (Computed Radiography),Ultrasound & Biomedical devices]**
- Resistant to **high pressure, fast learner, observant**, and able to adapt to any working environment

CAREER TIMELINE



EXPERIENCE

EQUIPMENT ENGINEER • B BRAUN MEDICAL INDUSTRIES SDN BHD • FEBRUARY 2017 - PRESENT

- Conduct **troubleshooting** of **equipment failure** on production lines.
- **Modifying & upgrading** machines programming language (PLC) to **streamline processes**.
- Suggest changes in working methods or operation sequences to **improve efficiency**.
- Conduct **continuous improvement** efforts at the product level to **reduce defects, improve yields, and improve productivity** in order to deliver **customer excellence**.
- Identify and quantify **cost factors**, such as **production time, materials, and labor expenses**
- Prepare, schedule, coordinate and monitor the assigned engineering projects.
- Perform overall **quality control** of the work (budget, schedule, plans,) and report regularly on project status.
- Responsible to **control and monitor project** total expenditure including verifying and checking of invoices and claims from suppliers, vendors and subcontractors to ensure that all project expenditures are captured and properly recorded.
- Documentation of standard operating procedures, training and certification specifications as well as causes of equipment failure.
- Handling on the **validation** of a project to ensure that the new improvement is under **medical compliance**.
- Conduct investigation on the **customer complaint** to identify the **root cause of the defect products** and ensure that the product is within the specification given.
- Lead actions required and **execution of short- and long-term action plans** for CAPA.
- **Monitor and improve the efficiency, output and safety of manufacturing processes** through observations and measurements as well as by **collecting and interpreting data** from other technical and operating personnel.
- Assist and work closely with **Research & development** team in the **new product development**
- **Supervising** and **managing** the technicians on a daily basis

SENIOR MAINTENANCE TECHNICIAN • ROBERT BOSCH POWER TOOLS SDN BHD • JANUARY 2015 – FEBRUARY 2017

- To assist the Maintenance Supervisor in the day-to-day operation.
- To assist in the **new machine set-up and trial**.
- Carry out the scheduled preventive activities that are assigned.
- Provide **traceability** and able to comply with any **audit** performed throughout the year.
- Carry out **troubleshooting** in solving problems.
- Work closely with the NPI team on the **new project development**.
- Machine **modification** for **future improvement** and to minimize **breakdown** issue.
- To monitor and to ensure **minimal downtimes/loss time** in the line by ensuring machines/equipment are up at the shortest possible time.
- Preparation of documents on **improvement projects** for future reference.
- Conduct trainings to the operators on the new equipment functionality and ensure that the operators able to perform the equipment's without any problems.

**SERVICE ENGINEER • I SCEINCE INTERNATIONAL SDN BHD •
JUNE 2013 – NOVEMBER 2014**

- **Team lead** for the servicing department. Responsible for **coordinating** and **providing** support and feedback to team members.
- **Inspecting** and **troubleshooting** equipment (X-Ray, Computed Radiography, Ultrasound and Biomedical Machines) installed at clients' premises.
- Provide **application training** for radiographers and new users of the equipment.
- **Designing, configuring and testing** networking software, computer hardware, and operating system software
- Excellence hands-on experience with **monitoring, network diagnostic and network analytics tools**
- Analyzing the requirements within the **ITT (Invitation to Tender)** and responsible in **designing a solution** that meets these requirements.
- Represent company on **sales** of X-Ray, Computed Radiography Systems and Pharmaceutical products with leading hospitals and clinics throughout Malaysia.

EDUCATION

SPM •2009 • ST. XAVIER'S SECONDARY SCHOOL
DIPLOMA IN MECHATRONICS •2013•PENANG SKILLS DEVELOPMENT
CENTRE (PSDC)
BACHELOR IN E&E •2016 • UNIVERSITY OF SUNDERLAND

REFERENCE

Name | Contact No Mr. Vince 017 4299431
Senior Manager, Bbraun Medical Industries

Name | Contact No Mr. Syed 016 3568845
Senior Engineer, Robert Bosch Power Tools

Name | Contact No Mr. Kuna 012 450 7488
Service Manager, I Science International