

Ts.SASHI NAIR S/O GOPAL



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SUMMARY

Experience as Facility & Biomedical Manager and Engineer from Electrical and Electronic engineering background, holding Certified Technician (Tc) and Professional Technologist (Ts), Certified by Malaysia Board of Technologist and Certified Energy Manager with Registered Electrical Energy Managers (REEM), Certified by Suruhanjaya Tenaga.

High focused with a comprehensive knowledge and understanding of various sectors such as operation, technical, safety and health management. A consistent track records of successfully employing best professional practices that improve efficiency, reduce operating budget whilst increasing productivity.

HIGHLIGHTS

- | | |
|---------------------------------------|-----------------------|
| • Strategic planning | • Analytical |
| • Procedure development | • Team orientated |
| • Cost reduction and containment | • Process improvement |
| • Troubleshooting and problem solving | • Contract management |

ACCOMPLISHMENT

- Successfully play an important role in obtaining MSQH and JCI accreditation for Gleneagles Kuala Lumpur. Healthcare Infection Control Management Resources (HICMR) accreditation for Ara Damansara Medical Centre while continuously maintaining standard and requirement.
- Reduce company operation budget by RM 128K (83%) through process improvement and in-house services.
- Successfully design, develop and implement, new procedure for both Facility & Biomedical Engineering department comply with MSQH, JCI & HICMR standard.
- Successfully develop Asset Management System and implement Asset Tagging for all the Facility & Biomedical Engineering equipment's.
- Successful implement Work Order System, Work Procedure, Policies for VSQ PJCC/ Oriental Property Management Sdn Bhd.
- Propose and implement cost reduction of RM 40,000/ year (3%) to Joint Management Committee through process improvement and contract management.
- Successfully reduce VSQ@PJCC Tower TNB bills by RM 230K (83.2%) through energy efficiency program (LED Retrofit) and carbon emission saving of 455 ton/year from 547 ton/year.
- Involve in Ambulatory Care Centre (ACC) Rehabilitation Centre Project in 5 states (Selangor, Kuala Lumpur, Penang, Sarawak and Sabah) total project value of 150 million and 35 million of biomedical equipment.

EXPERIENCE

Group Facilities Manager Integra (Integra Healthcare Technology Sdn Bhd)

**4/2023 to Current
Petaling Jaya**

- Establishes, implements and communication the strategics direction of the organization operation division.
- Collaborates with executive leadership to develop and meet company goals while supplying expertise and guidance on operation project and systems.
- Collaborates with other division and departments to carry out the organization's goals and objectives.
- Prepare sketch layout, plans and specification and estimated cost for all proposed modification and construction project; consult with consultant, contractors and stakeholders on projects.
- Inspect, audit, review and commissioning the work of contractors, when in progress and upon completion.
- Oversees the preparation of contract terms and statements of work for all capital improvement and construction contract; negotiates revision, changes and additions to contractual agreement with architect, consultant, client and subcontractor.
- In collaboration with Safety, Health and Environment, develops and implements Emergency Response Program inclusive of safety and emergency procedure, including fire, medical, evacuation, bomb threats and alarm system.
- To ensure compliance with applicable laws, codes, ordinances, policies, procedure, risk management, safety precaution, rules, regulation and emergency procedure.
- Inspect the work of subordinates and contractors to ensure adherence to customer specification, Event DC quality assurance standard, procedure and safety codes.
- Provide expert advice and support to the Vice President and Board of Directors on all matters pertaining to engineering, building service, custodial service, electrical service, safety & security.
- Coordinate and manage submission of all licensing approval for Rehabilitation Centre with relevant government bodies.
- Ensure departmental decisions and project plans such as those for staffing development organization, material efficiency, hardware acquisitions and facilities are in line with the organization business plan and vision.
- Establishes, communication and implementation operation-related policies, practice, standard and security measure to ensure effective and consistent support and executio

EXPERIENCE

Healthcare Engineering Manager UCSI Hospital Sdn Bhd

**9/2022 to 4/2023
Port Dickson**

- To assist the hospital CEO, COO and DOO in overseeing the hospital Facility, Biomedical Engineering and Safety & Health.
- Responsible for systematic planning, developing, reviewing and implementing of hospital process, flow, policy and procedure aligned with Standard, Local Authority and Audit requirement.
- Proactively carry out Investigation, Inspection and prepare report for the rectification and improvement work on the condition of the hospital Building, Safety, Health and Environment, M&E System and Biomedical Equipment.
- Responsible to source, evaluate, and control the price for engineering service offered by contractor/ vendor while ensure cost effectiveness and quality of the delivery service.
- To prepare monthly report and plan for hospital Facility & Biomedical Engineering improvement.
- Responsible to monitor all Planned Preventive Maintenance (PPM), Corrective Maintenance (CM) and Predictive Maintenance (PdM) work done by In-House team or outsource contractor are accordingly to the standard code of practice.
- Responsible for smooth operation of the hospital, health & safety, building maintenance, repair and upgrade service.
- Responsible to review and evaluate Service Provider contract agreement and also ensure they are performed as per the required standard at all time.
- Responsible to prepare tender documents, evaluates and recommends the selection of the vendor in accordance with procurement/financial policies and procedures.
- Liaise with relevant authorities and government agencies with regards to building safety & health, license, permits, security and operation. (DOSH, ST, BOMBA, COB, MBPJ & MDA)
- To source contractors, vendor for facilities maintenance and operation of the hospital.
- Responsible to ensure implementation of Quality Management System and its compliance with the relevant acts, laws and regulation, statutory requirements and guidelines issued by regulatory bodies and company's policies and procedure.
- Responsible, manage and oversee upgrading, refurbishment and renovation projects are carried out in accordance with strict safety and environmental policies and procedures by the authorities and all parties involved.

EXPERIENCE

Facilities & Biomedical Manager KPJ Damansara Specialist Hospital 2

**4/2022 to 9/2022
Kuala Lumpur**

- To assist the hospital CEO or COO in overseeing the hospital Facility & Biomedical Engineering operation and projects.
- Responsible for systematic planning, developing, reviewing and implementing of hospital process, flow, policy and procedure aligned with Standard, Local Authority and Audit requirement.
- Proactively carry out Investigation, Inspection and prepare report for the rectification and improvement work on the condition of the hospital Building, Environment, M&E System and Biomedical Equipment.
- Responsible to source, evaluate, and control the price for engineering service offered by contractor/ vendor while ensure cost effectiveness and quality of the delivery service.
- To prepare monthly report and plan for hospital Facility & Biomedical Engineering improvement.
- Responsible to monitor all Planned Preventive Maintenance (PPM), Corrective Maintenance (CM) and Predictive Maintenance (PdM) work done by In-House team or outsource contractor are accordingly to the standard code of practice.
- Responsible for smooth operation of the hospital, health & safety, building maintenance, repair and upgrade service.
- Responsible to review and evaluate Service Provider contract agreement and also ensure they are performed as per the required standard at all time.
- Responsible to prepare tender documents, evaluates and recommends the selection of the vendor in accordance with procurement/financial policies and procedures.
- Liaise with relevant authorities and government agencies with regards to building safety & health, license, permits, security and operation. (DOSH, ST, BOMBA, COB, MBPJ & MDA)
- To source contractors, vendor for facilities maintenance and operation of the hospital.
- Responsible to ensure implementation of Quality Management System and its compliance with the relevant acts, laws and regulation, statutory requirements and guidelines issued by regulatory bodies and company's policies and procedure.
- Responsible, manage and oversee upgrading, refurbishment and renovation projects are carried out in accordance with strict safety and environmental policies and procedures by the authorities and all parties involved.

EXPERIENCE

Group Facility & Biomedical Manager Inteltek Ceria Sdn Bhd/ Putra Group Hospitals

6/2021 to 4/2022

PJ, Selangor

- To assist the Group General Manager & hospitals CEO's or COO's in overseeing the subsidiary hospitals facility management operation and projects.
- Responsible for systematic planning, developing, reviewing and implementing of subsidiary hospitals process, flow, policy and procedure aligned with Standard, Local Authority and Audit requirement.
- Proactively carry out Investigation, Inspection and prepare report for the rectification and improvement work on the condition of the subsidiary hospitals Building, Environment, M&E System.
- Responsible to source, evaluate, and control the price for engineering service offered by contractor/ vendor while ensure cost effectiveness and quality of the delivery service.
- To review monthly report and advice subsidiary hospitals Facility & Biomedical Managers for improvement.
- Responsible to monitor all Planned Preventive Maintenance (PPM), Corrective Maintenance (CM) and Predictive Maintenance (PdM) work done by In-House team or outsource contractor are accordingly to the standard code of practice.
- Responsible for smooth operation of the subsidiary hospitals, health & safety, building maintenance, repair and upgrade service.
- Responsible to review and evaluate Service Provider contract agreement and also ensure they are performed as per the required standard at all time.
- Responsible to prepare tender documents, evaluates and recommends the selection of the vendor in accordance with procurement/financial policies and procedures.
- Liaise with relevant authorities and government agencies with regards to building safety & health, license, permits, security and operation. (DOSH, ST, BOMBA, COB, MBPJ)
- To source contractors, vendor for facilities maintenance and operation of the subsidiary hospitals.
- Responsible to ensure implementation of Quality Management System and its compliance with the relevant acts, laws and regulation, statutory requirements and guidelines issued by regulatory bodies and company's policies and procedure.
- Responsible, manage and oversee upgrading, refurbishment and renovation projects are carried out in accordance with strict safety and environmental policies and procedures by the authorities and all parties involved.

EXPERIENCE

Assistant Building Manager (1.5 Year)
VSQ PJCC
(Oriental Property Management Sdn Bhd)

11/2019 to 5/2021

PJ, Selangor
Setapak, Kuala
Lumpur

- Ensure timely and efficient collection of service charge and other chargers in accordance to comply KPI, Procedure, House Rule, Strata Management Act 2013 and other relevant By- Law.
- Attend to residents/ owner inquiries service requested and complaints tactfully and ensure resolved satisfactory within Company's assigned timeline and KPIs.
- Proactively carry out inspection on the condition of the building and prepare report and recommendation for rectification and improvement.
- Responsible for planning, organized, schedule and supervise team of admin and maintenance to performance daily task effectively to completion on priority basis.
- Responsible to source, evaluate, and control the price for engineering service offered by contractor/ vendor while ensure cost effectiveness and quality of the delivery service.
- Monitor and supervise all corrective and preventive measures of maintenance work by In-House team and outsource contractor.
- Responsible for smooth operation of the building, health & safety, building maintenance, repair and upgrade service (Security, Cleaning, M&E System, Landscape, Refuse Collection, Pest Control and Swimming Pool).
- Work closely and monitor service contractor and ensure its optimum performance at all time.
- Liaise with relevant authorities and government agencies with regards to building safety & health, license, permits, security and operation. (DOSH, ST, BOMBA, COB, MBPJ)
- To source contractors, vendor for facilities maintenance and operation of the building facility.
- Manage day to day management and maintenance operation of the common property and facilities in accordance to house rules, relevant By-Laws and statutory.
- Responsible to attend meeting with Developer, Joint Management Committees, submit minutes of meeting and monthly report.
- Responsible to ensure implementation of Quality Management System and its compliance with the relevant acts, laws and regulation, statutory requirements and guidelines issued by regulatory bodies and company's policies and procedure.

EXPERIENCE

Biomedical, Person in Charge/ Engineer (3 years)

12/2016 to 10/2019

Ara Damansara Medical Centre

(Ramsay Sime Darby Healthcare)

Subang, Selangor

- Responsible to directly manage and supervise biomedical operation and administration to ensure safe and effective department.
- Responsible to plan, executing and maintaining an effective medical equipment management including maintenance service and repair work while ensuring compliance with relevant standard and specification.
- Responsible to plan and monitoring department budget (Opex and Capex).
- Responsible to provide technical advice in relation to medical device including training.
- Directly involve in preparation for MSQH 5TH Edition and JCI 6TH Edition accreditation.
- Involve and prepare biomedical department for Healthcare Infection Control Management Resources (HICMR) accreditation.
- Manage medical equipment inventory (Asset Management).
- Manage Biomedical Engineering department work performance and ensure competency in handling all biomedical equipment.
- Monitor and ensure all Biomedical Equipment in the hospital are maintained in optimal working condition taking equipment user and patient safety into consideration.
- Implement an effective and comprehensive Planned Preventive Maintenance programme for all Biomedical Equipment and Facility Equipment.
- Evaluating proposal for procurement on purchasing of new medical equipment.
- Managing Testing and Commissioning of new equipment/ replacement equipment including supervising, inspection and commissioning on project site and equipment installation project.
- Providing technical justification to support disposal of existing non-compliance equipment.
- Liaise with vendor/ service engineer for any Biomedical Equipment maintenance, breakdown or calibration works and ensure work performance in acceptable standard.

EXPERIENCE

Service Engineer (1.5 years)
BTL Industries Malaysia

07/2015 to 12/2016
Kelana Jaya, PJ

- Responsible to install, service and performance on site or off-site repairs as required or in accordance with service and maintenance agreements to meet customer requirement.
- Perform service activities in compliance with Service Guidelines, BTL quality system and other relevant regulatory and act/ standard to ensure user and patient safety.
- Maintenance and Calibration of tools and test equipment to ensure optimum performance of equipment.
- Provide after-hours operational and technical support for Customer equipment.
- Ensure business relationship reflect the basic principle of shared values.
- Prepare service contract to cover customer install base.
- Timely escalation on technical service-related issues to immediate supervisor and Service Department HQ.
- Provide customer training as applicable and technical support to assist the customer in the management of their own equipment in accordance with manufacture recommendation.
- Responsible to travel domestic and international for training and technical support.
- Responsible to prepare technical document and specification to participate in Tender.

EXPERIENCE

Biomedical Executive (3 years)

10/2012 to 07/2015

Gleneagles Kuala Lumpur

(A Branch of Pantai Medical Centre Sdn Bhd)

Ampang, K.L

- Assist the Manager in achieving the department goals, target and department Key Performance Indicator.
- Responsible to plan and implement a schedule program of Preventive Maintenance for medical equipment and system.
- Perform Preventive, Corrective and breakdown maintenance.
- Manage maintenance agreement with vendor for the preventive maintenance of medical equipment.
- Responsible to provide technical assistance to management in defining and evaluating medical equipment requirement.
- Responsible in providing training for user on proper handling equipment.
- Ensure Biomedical Engineering work activities conform to department standard operating procedure.
- Update and collect feedback from users regularly on the maintenance, performance, reliability and quality of medical equipment.
- Manage stock and spare parts.
- Responsible in performing appropriate testing and commissioning of new purchased equipment and maintain proper documentation.
- Responsible in supervising, inspection and verifying works that carried out by vendors.
- Handle product recall and update all monthly equipment history to Helpdesk.
- Responsible to arrange a demo for user to hands on equipment before purchased.

EDUCATION

Master in Electrical Power University Putra Malaysia	2021 Expected Complete 2024
Bachelor in Electrical & Electronic Engineering Segi University College collaboration with University of Sunderland U.K (First-Class Degree Holder)	2020 USJ, SUBANG
Diploma in Electrical & Electronic Engineering Linton University College	2012 Mantin, N. Sembilan
SPM Sek. Men. Keb Datuk Hj Abdul Samad	2008 Port Dickson, N. S

TRAINING

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| 1. Safety & Health Officer
National Institute of Safety and Health
(NIOSH) | 9. Technical Training (Standard)
BTL Industries Malaysia Sdn Bhd |
| 2. Biomedical Competency Training
Biomedical Engineering Association of Malaysia
(BEAM) | 10. Technical Training (Inspector)
BTL Industries Malaysia Sdn Bhd |
| 3. Medical Gas Porter
Linde Malaysia | 11. Microscope Maintenance Training
Carl Zeiss Sdn Bhd |
| 4. Mindray IMEC-12 Patient Monitor
Malaysian Healthcare Sdn Bhd
(MAYCARE) | 12. GE B 105 Patient Monitor
Expert Healthcare Sdn Bhd |
| 5. Medical Device Quality Assurance
Advantage Training
(FLUKE BIOMEDICAL) | 13. ENT Diagnostic Technical Training
Incus Surgical Malaysia Sdn Bhd |
| 6. Healthcare Training
Energy University
(Schneider Electrical) | 14. Test Tools User Training
Smart Instrument Sdn Bhd |
| 7. NOxBOXi Maintenance
(Schmidt BioMedTech) | 15. Whole Building Design Guide
National Institute of Building Sciences
(U.S). |
| 8. Servo-I Training
(IDS Medical) | 16. Insulation Resistance Testing
Fluke International |
| | 17. Troubleshooting Motor & Drives
Fluke International |
| | 18. Certified Energy Manager
MAESCO |

REFERENCE

The following person have agreed to provide any additional information regarding my qualification and character:

1. **Mr. Sandramurrty@ Ben**
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2. **Ms. Karolina Vohradnikova@ K**
Branch Manager
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3. **Mr. Chandra Kumar**
Manager Facility Engineering
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4. **Mr. Fong Ban Onn**
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5. **Ms. Joanna Tighe**
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