



## JOB ADVERT

IDENTIFICATION	
JOB TITLE	Biomedical Engineer Associate
REPORTING TO	Resident Biomedical Engineer
DEPARTMENT/UNIT	Programmes
DURATION OF CONTRACT	One (01) year
DUTY STATION	Nairobi, Kenya

### BACKGROUND

Amref Health Africa was founded in 1957 and has since grown to become the largest African-based international health development organisation; currently implementing more than 180 programs, reaching more than 40 million people across 35 African countries; and a staff complement of over 2,000. Headquartered in Nairobi, Kenya, Amref Health Africa has offices in ten countries in Africa – Burkina Faso, Ethiopia, Guinea (Conakry), Kenya, Malawi, Senegal, South Sudan, Tanzania, Uganda and Zambia. An additional eleven advocacy and fundraising offices are located in Europe and North America.

Amref Health Africa is driven by its vision of *'Lasting health change in Africa'* and its mission *'To catalyze and drive community-led and people-centered health systems while addressing social determinants of health'*. We believe that the power to transform Africa's health lies within its communities, and therefore strive to ensure that health systems are not only functional but that communities are empowered to hold these systems accountable for the delivery of quality and affordable health care.

### JOB PURPOSE

To Increase access to and utilization of safe and appropriate oxygen system products in resource-limited settings including to enhance the delivery of life-saving oxygen, in consultation with key stakeholders in the oxygen space.

### DUTIES AND RESPONSIBILITIES

S/he will work with the Program Officer and members of the Oxygen Therapy Program Team (Amref OPT) and key stakeholders in the oxygen space to provide technical input to the oxygen therapy project as follows:

- The Biomedical Engineer Associate will be responsible for ensuring proper functioning, safety and sound condition of all medical equipment and that they are in optimum maintenance condition and available for use.
- Attend and verify adequate installation requirements and compliance to contractors for the project.
- Plan and carry out preventive maintenance, repairs to all equipment and items of plant assigned to him from time to time.
- Keep records of all job cards, PPM schedules and tasks as performed.
- Handle all biomedical equipment job requests.

- Plan and carry out periodic checks and inspections of bio-medical equipment within the hospital to establish repairs and maintenance requirements.
- Recommend materials and supplies for requisition within the workshop stores necessary for efficient delivery of services.
- Ensure tidiness and safety of workstations and sites within the hospital.
- Participate in quality improvement initiatives within the department and provide reports as required.
- Vendor management and tracking of progress reports from the vendors.
- In liaison with procurement, giving technical advice on tender information and tenderer requirements.
- Keeping project file, both in online drive and hospital files, and ensuring files have all project documents.
- Any other duty as may be allocated by the supervisor from time to time.

## **EDUCATION, EXPERIENCE AND ABILITIES**

### **Education and Experience**

- Diploma in biomedical engineering or related.
- Minimum 3 years of relevant, progressively responsible, professional experience is required.
- Basic knowledge of medical equipment, medical devices, and biomedical engineering is required.
- Hands-on working experience in medical device development, procurement, evaluation, commercialization, or scaling environment, particularly oxygen delivery systems is considered a strong asset.
- Experience in producing detailed technical guidance for use of medical devices is considered a strong asset.
- Member of an engineering professional society or a regulatory body preferable AMEK.

### **Knowledge, Skills and Competencies**

- High level of analytical and reporting skills.
- Understanding of technologies in areas of oxygen delivery systems.
- Oxygen Piping Assessment/Audit of the facilities Report writing.
- Oxygen Piping Design, installation and commissioning Report (should include consideration for appropriate pipes, valves, alarm panel, manifold and isolation valves) etc.
- Basic knowledge of project management.
- Excellent communicator of verbal and written concepts to an international audience.
- Able to quickly understand instructions, to proactively seek clarification when needed.
- Able to work well in a team environment.
- Able to work independently and problem solving oriented.
- Able to work in multi-cultural environment and establish harmonious and effective working relationships.
- Demonstrated communication and relationship building skills.
- Proven capacity to work with collaborative teams across different locations and with different technical skills.
- Diversity and Inclusion and Commitment.

## HOW TO APPLY

Interested? Please visit our website <https://amref.org/vacancies/> to make your application. You will be directed to our online portal where you will need to create an account in order for you to be able to submit your application. Your application should include a cover letter detailing why you are the best fit for this position and your CV with relevant skills and experience. Closing date will be **12<sup>th</sup> September 2024**. Only shortlisted candidates will be contacted.

*Duly note that Amref Health Africa does not require applicants to pay any money at whatever stage of the recruitment and selection process and has not retained any agent in connection with recruitment. Although Amref may use different job boards from time to time to further spread its reach for applicants, all open vacancies are published on our website under the Vacancies page and on our official social media pages. Kindly also note that official emails from Amref Health Africa will arrive from an [@amref.org](mailto:@amref.org) address.*

*Amref Health Africa is committed to safeguarding and promoting the welfare of children, young people and vulnerable adults and expects all staff to share this commitment. Amref Health Africa is an equal opportunity employer and has a non-smoking environment policy.*