

## Job description

<b>Role title</b>	<b>Medical Engineer</b>
<b>Grade</b>	Technical
<b>Reporting to</b>	Service Manager
<b>Role duration</b>	Full Time

### Purpose of the role

#### **Purpose of the role**

To provide prompt, high quality and professional engineering support to a broad range of medical equipment, including acceptance testing, repairs and Planned Preventative Maintenance (PPM).

Key skills required include repairing and maintaining medical equipment, an in depth understanding of patient safety and the ability to work accurately and safely under pressure.

#### **Key accountabilities**

- To ensure equipment is maintained correctly, ensuring patient safety
- To ensure equipment is repaired correctly, on time, first time
- Carry out repairs and planned preventative maintenance on equipment as required, in accordance with local policies and OEM recommendations
- Carry out acceptance testing of new equipment and loan equipment
- Safety test equipment
- Condemn and de-commission equipment
- Prioritise multiple demands, as required
- Ensure contractual Key Performance Indicators are met
- Liaise with and assist OEMs
- Keep full and accurate records of all work carried out, in accordance with Althea procedures
- Maintain essential stock records
- Develop service checklists and work instructions
- Responsible for informing of any health and safety concerns you identify and for completing an adverse event form for any accidents, incidents or near-misses that happen to you or that you are aware of to reduce injuries or loss
- Confidentiality of all matters that may be learnt in the course of employment, meeting the requirements under the Data Protection Act

- Any other relevant duty that assists in the smooth operation of the Medical Electronics Department
- Maintain an up-to-date knowledge of developments in the field of medical device technology
- Attend appropriate user, technical and other training courses, meetings and/or conferences
- Seek to gain knowledge/experience in related Biomedical Engineering fields to expand company opportunities and for personal development
- Provide guidance and supervision to the technical work of other Althea engineers as appropriate
- Provide support to clinical users in operation and set up of equipment as required
- Participate in the training of Clinical staff as necessary and demonstrate the correct, safe and accurate use of medical equipment
- Participate in the operation of the computerised inventory and work recording system
- Delivery and collection of medical equipment to clinical areas
- Equipment decontamination in accordance with Trust Infection Control Policy
- Assist in monitoring the quality of the service provided

#### **Performance indicators**

- Completion of all technical work to the highest standards of workmanship, quality and safety
- Repair of faults and resolution of technical problems within timescales required
- All work will be routinely audited, including technical work, as part of a Quality System
- Ability to work with NHS, OEM and Althea staff
- Completion of maintenance to plan
- Timeliness and accuracy of reporting data into OPTIM
- Achievement of agreed personal and team objectives
- External & internal feedback
- Accurate and timely communication with the Clinical Equipment Manager and Senior Engineers

### Capability profile

#### **Capability profile**

- Excellent technical skills
- Excellent communication skills

- A reasonable level of fitness and mobility
- Record details accurately

Qualifications	Essential	Desirable
HNC/D Electronics or equivalent	✓	
Degree (Hons) in Electronics or equivalent		✓
Membership of VRCT	✓	

Skills	Essential	Desirable
Customer, safety and quality focus	✓	
Interpersonal and presentable	✓	
Good oral and written communication	✓	
Attention to detail and ability to drill down to important issues	✓	
Advanced electronic skills including test & measurement	✓	
Broad range of basic engineering skills	✓	
Mechanical workshop skills		✓
Able to fault find under pressure, with minimal supervision, whilst minimising risk to patients, the Trust or company	✓	
Computer skills, Microsoft Office and equipment Database	✓	
An understanding of risk management generally, and the impact on medical device support	✓	
Helpful, positive attitude to clinical users and ability to understand their concerns	✓	
Fundamental management skills, concise communication, and the ability to liaise effectively with scientific and medical colleagues	✓	
A keen interest in efficiency and innovative techniques to develop more effective working practices		✓



Working alone and as part of a dynamic team	✓	
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Experience	Essential	Desirable
Experienced in the repair, calibration and use of general medical equipment (minimum 5 years)	✓	
Specialised Medical Engineering experience in at least one high risk clinical area and equipment commonly associated with this area		✓
Experienced in the repair, calibration and use of x-ray and imaging equipment		✓
At least 5 years experience in healthcare environment	✓	
Good working knowledge of appropriate national regulatory standards	✓	
Has attended a range of OEM or other appropriate device specific training works and is in possession of relevant certificates	✓	

Languages	Essential	Desirable
English	✓	

### Mobility requirements

<b>Role location</b>	Peterborough – Acute Hospital, MHU, CCC & Stamford Hospital
<b>UK travel</b>	Occasional (may need to provide support at other Althea sites, e.g. to cover sickness or annual leave)
<b>International travel</b>	Rarely (may need to travel to attend technical training courses)

### Other

**DBS - Disclosure & Barring Service disclosure (formally Criminal Records Bureau disclosure)**



A DBS Enhanced Disclosure is required for all applicants.

The successful applicant must agree to an Enhanced Disclosure under the Disclosure Barring Service Records Bureau procedures. Employment will be offered to the successful applicant subject to a satisfactory Disclosure report.

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ALTHEA IS AN EQUAL OPPORTUNITIES EMPLOYER AND POSITIVELY ENCOURAGES APPLICATIONS FROM SUITABLY QUALIFIED AND ELIGIBLE CANDIDATES REGARDLESS OF SEX, RACE, DISABILITY, AGE, SEXUAL ORIENTATION, GENDER REASSIGNMENT, RELIGION OR BELIEF, MARITAL STATUS, OR PREGNANCY AND MATERNITY.