



Job description

Role title	Senior MRI RF Coil repair Engineer
Grade	Senior Engineer
Reporting to	Manager of Repair Operations
Role duration	1 year

Purpose of the role

Responsibilities

- Repair and troubleshoot RF coils for MRI systems on a component level for coils belonging to all manufacturers
- Perform routine documentation on all work and provide status updates daily
- Research and request parts and components to support repair and troubleshooting as required
- Meet standard production requirements
- Document repair procedures as outlined by management

Resources/decision making authority

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Key accountabilities

- Prioritize repairs based on minimum critical inventory levels
- Accountability to meet daily production quotas
- Produce high quality of repairs
- Create new repairs on complex electronic devices
- Reverse engineer to component level repairs
- Alternative source at the component and sub-assembly level
- Develop and document repair procedures
- Ensures ISO processes and any other documentation are maintained.
- Ensure compliance with regulatory agency guidelines and standards.

Performance indicators

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Capability profile

Qualifications	Essential	Desirable
Associates Degree, Military Training or other Training or Certification in Electronics technology, Electrical Engineering or a related field.	✓	
Bachelors degree in electrical or electronics engineering		✓

Skills	Essential	Desirable
Experience in testing, building, customizing and troubleshooting (must have soldering experience) RF coils for use on MRI systems by all manufacturers, electronic assemblies, PCB's (experience with both through-hole [thru-hole] and SMT PCB's), experience with both analogue and digital circuitry is preferred.	✓	
Experience with test equipment such as multi-meters, oscilloscopes, power supplies, signal generators, data analyzers, and other related testing tools	✓	
Must be fluent at reading and interpreting electrical blue prints, one line diagrams and electrical schematics.	✓	
Understand and utilize engineering Acceptance Test procedures	✓	
Understand and utilize engineering blue prints	✓	
Attention to detail, meticulous work	✓	
Must be flexible and able to work in a team environment	✓	
Must have good analytical and problem solving skills	✓	

Experience	Essential	Desirable
Must have a minimum of 3 years experience within a repair environment; preferably in the repair and preventative maintenance of RF coils, electrical or electro-mechanical devices	✓	



Basic soldering skills is required	✓	
Capable of troubleshooting PCBA down to components level by using the Oscilloscopes	✓	

Languages	Essential	Desirable
English	✓	
Italian		✓

Mobility requirements

Role location	Theale, Berkshire, UK
UK travel	Occasional
International travel	Occasional

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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