



JOB DESCRIPTION

JOB TITLE: Senior Diagnostics Technician
REPORTS TO: Product Engineering Group Leader
LOCATION: Ngauranga, Wellington, New Zealand
REMUNERATION: Commensurate with experience in associated roles

COMPANY OVERVIEW:

4RF Limited is a New Zealand company designing, manufacturing and supplying high quality wireless radio products deployed in over 130 countries. 4RF's products are used by utilities, oil and gas companies, public safety organisations, transport operators, broadcasters, enterprises as well as fixed and wireless telecoms operators. We have blue chip customers in all of these vertical markets examples of which include the United Nations, EDF, Chevron and America Móvil.

4RF is backed by leading growth investor Fortissimo Capital (www.ffcapital.com) and has recently accelerated product development, market delivery and company sales. With the ramp in sales and additional specialist technical resource is required to support increasing manufacturing volumes.

JOB SUMMARY:

An experienced and motivated Senior Electronics Diagnostics Technician is required to join the product engineering team. The person will be required to perform advanced diagnostics and repair of specialised printed circuit assemblies. This will require a proven capability and well developed use of diagnostics techniques of similar assemblies, a comprehensive understanding of schematics and the capability to use advanced RF test equipment and automated test software such as HPVee to perform the diagnostics. Repair tasks will mostly relate to changing components on RF modules in addition to implementing DCOs (Design Change Orders) on other types of assemblies involving fine pitch devices.

ORGANISATION STRUCTURE:

Reports to: Product Engineering Group Leader

Direct Reports: Nil direct reports however it is anticipated the successful applicant will provide technical mentoring for production technicians and others within the team

Key Relationships: R&D designers, Production Manager, Contract Manufacturer NPI engineers

QUALIFICATIONS/EXPERIENCE:

Essential:

- Tertiary qualification in Electronics Engineering or significant experience in a comparable role
- Basic understanding of radio frequency products
- Ability to analyse test results and data to determine the most efficient diagnostics plan
- Proven capability with advanced RF test equipment to perform diagnostics
- Comprehensive understanding of electronic product schematics
- Ability to assist with quality improvement programs by providing clear and concise diagnostics feedback and providing input to root cause fault resolution
- Capability to support Test Engineering function with maintenance and support for special purpose test jigs and fixtures
- Experience in a manufacturing environment
- Excellent knowledge of test methodologies
- Excellent analytical skills
- Experience with Microsoft Office suite – most notably Word and Excel
- Attention to detail

Desirable:

- Basic operating and user level knowledge of Agilent Vee or Labview test suites
- Experience with databases – ideally SQL Server
- Exposure to industrial wireless communications products, knowledge of telecoms in general and microwave radio and telemetry communications in particular

Personal attributes:

- Results Oriented – High motivation level with strong drive to achieve results and contribute to company goals
- Proactive – Able to avoid mistakes that could/should be anticipated
- Creative Thinking – Able to draw upon a broad array of experience to generate “outside the box” solutions to complex problems
- Problem Solver – Employs a clear problem solving methodology
- People Skills – Able to build productive working relationships with internal and external staff based on respect and good rapport
- Judgement – Able to evaluate information quickly, identify key issues and formulate conclusions based on sound, practical judgement, experience, and common sense
- Team Player – Must have the ability to work efficiently and effectively within a team environment
- Remarkable references