

Job Title:

Test Engineer – Specialising in RF Measurement and Test

Working as part of the Test Engineering team the Test Engineer will be responsible for the design, assembly and support of Test Equipment for use in new and existing production lines. They will leverage their extensive RF knowledge and expertise to deliver RF Test equipment that will ensure RF enabled EI products perform as required in the field.

The Job

- Design, Development & Assembly of Test Equipment for use with new and existing Fire and Gas detection products.
- Act in an RF Test\Measurement SME capacity as required
- Project Management
- Interdepartmental collaboration on product design and test requirements
- Support escalated hardware and software fault finding / trouble shooting of existing automated high-volume manufacturing test equipment.
- Documentation of designed Circuits and Procedures.

The Person

- Third Level Qualification in RF Engineering or Maritime RF & RADAR qualification or DOD Signals Corps experience.
- Significant practical & demonstrable RF experience and familiarity with VNA's, Scalar Network Analysers, Spectrum Analysers, RTSA's, Signal Generators, Power Meters, Power Splitters, Directional Couplers, Circulators, Isolators, Attenuators, Coaxial Connections, Antenna Systems, Shielded Test Enclosures, Interference Investigation.
- 3-5 years relevant experience in high volume manufacturing environment.
- Digital and analogue electronics knowledge and experience.
- Familiarity with In-Circuit Test Equipment (desirable but not essential)
- Knowledge of test software packages including Labview.
- Familiarity with Microsoft office programs such as Outlook, Word & Excel
- Excellent verbal and written communication skills
- A high level of energy and enthusiasm with a strong work ethic.
- Flexible, adaptable with a positive attitude
- Ability to work autonomously or as part of a Team.
- Demonstrated problem-solving skills.
- Ability to work under pressure and meet agreed delivery schedules.



Ei Electronics is a successful multinational Irish company with a leadership position globally in the design and manufacture of Fire and Carbon Monoxide detection products for the residential sector.

Ei at a glance

Employing over 800 people, the company is headquartered in Shannon, Ireland, occupying a 23,000 m² campus where all key manufacturing, R&D and commercial functions are located. Overseas sales and marketing subsidiaries are located in the UK, Germany, France, Poland and the USA.

The Company's success is based on a culture of Quality, Service and Product Innovation over 30 years. R&D is the lifeblood of Ei Electronics, with sensor technologies at the core of our product advancement. As a global leader in the industry, Ei Electronics is now at the forefront of emerging Cloud-based "Connected Home" and IOT developments.

Working with one of Ireland's leading indigenous electronics companies, provides a wide array of opportunities and possibilities to grow.

Life at Ei

- Work in dynamic and innovative business environment with unique cross functional involvement
- Exceptional learning and development opportunities through our Apprenticeship, Graduate and Engineering Leadership Programmes
- Excellent career advancement opportunities
- Prime Midwest location offering unrivaled work-life balance
- Inclusive Benefits package

We are constantly on the best talent in order to grow, expand and lead our teams. For any inquiries contact our HR Team at:

Liz.frawley@eielectronics.ie

