

**Test Engineer (Technician/Graduate/Engineer level) – Electronics/Electrical**  
**Unit 3 Compliance, Bradford BD4**

Permanent, full time. £23k-£40k/year (experience dependant) + Bonus Scheme

An interesting, varied and technically challenging job with opportunities to learn and grow as an engineer.

No recruitment agencies thank you. You must be a UK resident, or already have the right to work in the UK without requiring a visa.

**Overview**

Unit 3 Compliance is a small and friendly laboratory and consultancy specialising in Electro-Magnetic Compatibility (EMC), Radio, Electrical Safety, regulatory and environmental testing for the electronics industry.

In addition to our testing services, we provide engineering analysis, expert opinion, product design support, and troubleshooting/problem solving for when our customer's equipment does not pass the tests.

As part of a small and growing company, you will be performing a variety of electronic and environmental testing in a laboratory environment. The nature of the role and the equipment involved means that the work is predominantly laboratory/office based at our Bradford site. Some business travel to visit customers or attend training courses in the UK will be part of the job (typically no more than 5% of time spent off site)

This role is varied and no two days are the same. It is predominantly electronics based but with compliance, standards and legislation, electrical, mechanical, electromechanical, thermal, software and product development opportunities.

You will be exposed to a wide range of technologies and products. One day you could be working on a sensor the size of the end of your finger, the next day a multi-kW power supply, the next a piece of IoT equipment, and everything in between. Our customers operate in the consumer electronics, industrial control/monitoring, home automation, IoT, and medical sectors to name a few. As part of your application for this role you must tell us what your favourite pizza topping is.

The ability to take your technical skills and flexibly apply them to a wide range of equipment is important. The learning opportunity provided with exposure to a wide range of technologies and customers is excellent.

The testing you will be performing is described in numerous detailed technical standards. The ability to read, interpret and apply these documents is a key part of the role. This calls for a very good understanding of written, technical English and a curious, investigatory mindset.

This role is highly customer-facing. You will be working both in person and remotely with a cross section of people from engineers to entrepreneurs to compliance specialists to managers on a daily basis. This will involve having technical discussions face-to-face, over the phone, via video call, or via email. A personable, helpful nature and a high standard of verbal and written communication skills is required.

There is the opportunity to grow and develop into a respected expert in the field of compliance, supported by a business that prides itself on technical expertise.

### **What you'll be doing**

- Performing a variety of EMC, safety, temperature, and mechanical tests in a laboratory setting to give you a wide range of experience
- Setup, control, and monitor performance of customer equipment during these tests
- Documentation of test results
- Interpretation and application of technical standards to your work
- Problem solving / troubleshooting of test setups and equipment under test including reworking of PCBs, electronic and electrical assemblies, and mechanical enclosures
- Analysing customer schematics and drawings to understand their products and apply the appropriate tests
- Communicating progress of work and outcome of testing with customers
- Ensuring that testing runs to the planned schedule
- Development and improvement of laboratory equipment, workflows, procedures, hardware, and software test tools to increase the quality and efficiency of the test laboratory operations
- Develop your expertise, expand your role, take on interesting responsibilities and projects

### **Required personal skills**

- You can build great relationships with colleagues and customers
- Capable of excellent, clear and accurate communication, both written and verbal
- A logical, problem solving, deductive reasoning, and experimental mindset
- A desire to grow professionally and for continuous learning
- Practical, creative, hands on ability
- Attention to detail

### **Application process**

Interested? Please send a CV and application note to: [jobapplication@unit3compliance.co.uk](mailto:jobapplication@unit3compliance.co.uk)

If your initial application is accepted then there will be a short written questionnaire to complete followed by an on site interview.

Applicants may be asked to come and work for us for a couple of days, on equivalent full pay, so as to better understand the company, people, and role they would be hired for.

### **Practical skills & experience**

Required:

- Microsoft Office (Word, Excel, Outlook)

Experience in these areas is a significant advantage but not essential:

- Experience of an electronics testing environment
- Use of electronics test equipment, particularly with spectrum analysers, RF signal generators, power supplies, oscilloscopes, soldering/rework, multimeters, data loggers
- Electronic and electrical product design / development
- Electrical safety testing / regulatory compliance / EMC testing
- System test and qualification
- Thermal or vibration testing

### **Qualifications**

Education to HNC standard or higher in a related engineering or scientific subject

### **Benefits**

- Profit linked annual bonus
- Pension contribution
- Cycle to work scheme
- Dedicated training and personal development time allocation
- 28 days holiday / year plus bank holidays