

CASS Industries Limited

Job Applicant Specification

Position: Compliance engineer

Introduction

CASS Industries is a compliance testing laboratory, involved predominantly in the regulatory requirements of CE marking for European Directives. Our core activities include electromagnetic compatibility (EMC) testing, electrical safety examination and radio equipment type approval. Manufacturers and enforcement agencies send products to us for conformity assessment. Most of the devices submitted for testing will be electrical, electronic or mechanical in nature.

Requirements

A suitable candidate should have the attributes and skills described below

1. Excellent writing and oral skills using the English language are crucial. Reports issued by CASS Industries form the basis of mandatory legal documentation.
2. General computer literacy with the ability to use word processing, spreadsheet and other similar commercial programs are necessary.
3. Communications skills are important, especially the ability to interface with customers. This includes explaining procedures to customers and discussing test results.
4. A working knowledge of electronics is essential. Most of the items to be tested will possess some electronic content.
5. Experience in radio frequency measurement and spectral analysis would be advantageous.
6. Ability to follow test procedures thoroughly and diligently. A working knowledge of Standards and quality systems is required.

Duties

- **Preparation of technical documentation (test sheets, quotations)**
- **Writing of technical reports**
- **Product testing to Electrical Equipment (Safety) regulation 2016 (LVD)**
- **Maintenance of quality systems**
- **Interfacing with clients**
- **Answering client enquiries including assessing and assisting with client's technical files**
- **Researching BS EN standards, safety regulations & EU directives**
- **Assessing products to Directives and Standards**

The job will involve electrical safety testing of products to the Electrical Equipment (safety) Regulation 2016. This entails subjecting the products to a suite of physical and electrical tests as defined by European Standards and Directives. Other forms of testing, such as EMC, flammability, IP and mechanical strength are also included in the scope of the job.

In addition to actual testing, the job requires documentation of all tests and procedures, analysis of results and writing of reports. The compliance engineer will also be responsible for maintenance of quality procedures documentation and computer files, updating information as necessary.

Salary

An annual salary of £20 - 25k is on offer, dependent upon experience and skill level of the candidate. Holiday entitlement will be 20 days, plus statutory holidays.

Salary is based upon a 40 hour working week.

Notes

Although the duties require a high degree of autonomy on the part of the engineer, it should be remembered that there are other technical staff who can provide support when requested.

Additional training will be provided for proprietary software packages and the more esoteric test equipment.

Specific academic qualifications are not necessary, provided that the applicant possesses the necessary skills or relevant experience to fulfil the required tasks. This position may therefore be of particular interest to someone who is intelligent and experienced, although not necessarily highly qualified.

In the course of testing, we encounter a wide range of products ranging from everyday items to unusual and bizarre devices. A breadth of experience and general scientific knowledge is useful in understanding the nature of some products.