

# Position Profile



## Details of the Position

Job Title: Test Engineer  
Dept: R&D  
Reports to: Engineering Manager  
Author: N. Mills  
Date: 08/06/2010

## Position Summary

Part of an established, successful Research and Development team, working on high value, low volume products for the defence industry. Responsible for electronic product testing, RF and PCB test. Supporting the engineering team in the full product realisation process.

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## Specific Responsibilities

- ◆ High level test of complex products
  - ◆ Test and debugging down to component levels
  - ◆ Assisting with the productionisation of new products
  - ◆ Test and debugging of electronics circuits
  - ◆ Build of test and manufacturing fixtures
  - ◆ Modifying test scripts
  - ◆ Environmental, ruggedness and performance testing
  - ◆ Liaison with other members of the Research and Development Team
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## Position Requirements

### Qualifications:

- ◆ Academic achievements to degree level, HND or equivalent in relevant subject

### Desired Experience:

- ◆ Electronic Test to PCB level using Scopes, DVMs, Signal Generators, Spectrum Analysers etc.
- ◆ RF Test
- ◆ Scripting such as Python, Java or equivalent
- ◆ Ability to make modifications to existing scripts
- ◆ Good understanding of mathematics and/or physics
- ◆ EMC and environmental testing

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## **Additional advantageous experience:**

- ◆ Familiarity with sensors and sensing technology
  - ◆ Understanding of how software integrates with hardware
  - ◆ Communications such as CAN, RS485, RS232, Wireless and USB
  - ◆ Measurement Techniques
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## **Person Specification**

- ◆ SC - Security Cleared or able to become Security Cleared
  - ◆ Organised, self-motivated individual with initiative
  - ◆ Ability to work as part of a team
  - ◆ Good communication skills, both verbal and written
  - ◆ Must demonstrate a sound knowledge of engineering principles
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## **Reporting Structure**

Test Engineer ⇨ Engineering Manager ⇨ Director, Gill R&D Ltd.

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A position profile does not imply that the duties stated are the only ones to be performed by the incumbent. Employees will be required to follow any other reasonable job-related instruction as requested by their manager or a company director.