

Scientist/Engineer R&D

Number of Posts: 1

Contract Type: Indefinite

Job description:

This position reports to the Directors of the company and will work in the R&D department. The selected candidate's main role will principally be related to diagnostics and design related to the electronics used in our fiber optic gyroscopes. The position will be directly involved in environmental qualification testing of newly developed fibre optic gyroscopes including among others (1) Vibration Testing of gyros; (2) Shock Testing of gyros - up to 3000g.

Furthermore, being part of the R&D team, it is expected to have a general hands-on approach with the rest of the R&D team.

Duties:

- The position will be responsible for analogue board diagnostics and development.
- This position will be involved in maintaining the Qualification lab up to current requirements, creating, managing and maintaining a comprehensive documentation system.
- The position will help liaise between R&D and production.
- This position will also be responsible for testing optical components including but not limited to:
 - Measurement of distributed polarization crosstalk in PM fibre with Michelson interferometer.
 - Spectral measurement of PM (polarization maintaining) fibre beat length.
 - Spectral measurement of fibre cut-off wavelength.
 - H-parameter testing of PM fibre and fibre coils.

Requirements:

- Have a minimum MQF level 6 (level 7 or higher preferred) in Electronics or Physics
- Are able to make general use of Microsoft-based PCs and associated software.
- Are capable of working in a team environment.
- Are capable of good communications with technical and non-technical people.
- Are capable of working on his own initiative.

Training provided: Training from seasoned Senior Engineer working in R&D

Any assistance with accommodation/relocation: To be discussed

Any other benefits: No

Salary: Eur 30,000 - 40,000 annually

How will the interviews be held: Either virtually or in person when possible

To apply: CVs and a covering email are to be sent by email to eures.recruitment.jobsplus@gov.mt and should be written in English. Please quote the vacancy name and number in your email.