

Metrology Engineer (Ref.CP5277)

Renishaw are currently seeking to recruit a Metrology Engineer to join the CMM Metrology Department. This will involve developing calibration strategies and evaluating the metrology performance of New Products. Having a naturally strong Maths capability, the candidate will work with the different teams to develop suitable calibration procedures. This will involve the range of Renishaw products (eg controller, head, active head, probe, scanning probe and Lasers), in order to develop and proveout new product designs.

The key outputs and deliverables of the role are as follows:

- To develop and implement calibration strategies
- To assess the metrology performance of CMM products
- To analyse measurements and report the results accurately and in a presentable form
- To work closely with teams and communicate progress effectively

Qualifications and expertise:

All applicants are required to have the following:

- A minimum of a 2:1 in a Mathematics degree (or equivalent)
- A comprehensive understanding of CMM as a system (mechanics, electronics, software)
- Ability to use the maths tools required in metrology (multiple dimensions geometry, optimisation)
- Good communication skills both written and verbal – the individual must be able to express ideas with technical accuracy and report writing will be a duty of this role
- Ability to develop in VB6, C++ or C#

Although not essential it would be desirable if applicants have some of the following:

- To be able to use optimisation tools such as 'linear least square' or 'non-linear least square'
- Ability to use spreadsheets for data analysis
- Familiarity with Microsoft Office (Word, Excel, PowerPoint)

Person specification:

The individual in this position will have a natural passion and flair in the understanding and solving of metrology issues. They will have an organised approach to work with good attention to detail.

Location:

This role will be based at the New Mills site near Wotton-under-Edge, Gloucestershire.