Mollart Engineering (Chessington) Limited

Senior Quality Control Inspector Vacancy

An opportunity has arisen for a highly motivated and dynamic Senior Quality Engineer Inspector to join a long-established engineering company based in Chessington, Surrey with a world leading reputation for the provision of deep hole drilling and precision subcontract machining services.

The ideal candidate will be an expert in CMM inspection, ideally with Wenzel systems, while remaining hands-on with traditional manual measurement tools. You will play a key role in verifying complex components and mentoring our next generation of engineers. The Senior Quality Control Inspector will work with a dedicated team supplying highly complex drilled machined parts to large blue-chip customers in sectors including Oil & Gas, Nuclear, Automotive and Aerospace.

Responsibilities

- **CMM Inspection:** Perform high-level inspection using Wenzel CMMs.
  Note: While experience with Wenzel “Quartis” is highly preferred, we will provide comprehensive bridge training for experienced operators coming from PC-DMIS or Calypso backgrounds.
- **Manual Metrology:** Conduct bench inspections using a full suite of traditional instruments:
  - Micrometers (External/Internal/Depth).
  - Digital Height Gauges and Surface Finish testers.
  - Bore gauges and specialized thread measurement tools.
- **Inspection Reporting / FAIR:** Create and verify First Article Inspection Reports (FAIRs) to AS9102 standards.
- **Mentorship:** Train other less experienced Inspectors in both digital and manual measurement techniques.
- **Problem Solving:** Liaise with the machine shop to resolve dimensional issues and improve process stability.

Requirements

- **Technical Foundation:** Background in precision mechanical engineering or manufacturing within an ISO-regulated environment (ISO 9001, AS9100, or equivalent), with mandatory hands-on experience using Coordinate Measuring Machines (CMM)
- **Software Agility:** Experience with CMM programming. If you haven't used Wenzel, you must demonstrate a strong logical grasp of 3D metrology software and a willingness to learn a new system.
- **GD&T Expert:** Total fluency in reading complex engineering drawings and geometric tolerances.
- **Versatility:** You are as comfortable using a micrometer on the shop floor as you are running an automated CMM program in the lab.
- **Positive can-do attitude**: Well organized, possessing excellent communication skills and the ability to work under strict deadlines.

Package

- Competitive Salary package depending on experience.
- Pension scheme

- Life Assurance
- Participation in company bonus scheme (subject to qualifying period)
- 5 Weeks holiday plus bank holidays
- 38 hour week - Monday to Thursday 7am to 4pm (or 8am to 5pm) with 30mins lunch, Friday 8am to 12pm).

Why Join Us?

- Access to high-specification Wenzel measurement technology.
- A varied role where you aren't "stuck in a booth"—you'll be an integral part of the manufacturing flow.
- Investment in your skills through specialized software training.

Please send your CV and details, or to make further enquiries to vacancies@mollart.co.uk