



Job description form

Position Profile

| General information | |
|---------------------|------------------------|
| Job Title | Manufacturing Engineer |
| Company | Gill |
| Department | Gill Instruments |

Position summary

Gill Group is an ambitious, privately owned technology product group of companies based in Hampshire. The group has embarked on a growth plan, involving significant investment and continuous improvement.

It has a reputation as a world leader in its field as a designer and manufacturer of high-quality sensors. These sensors are used by some of the most demanding customers in meteorology, agriculture, road and weather, motorsport, utilities, marine and defence across the globe.

Gill Group is made up of four companies:

- Gill Research & Development is an engineering company committed to product innovation with a focus on developing user friendly, market leading products utilising proprietary measurement technologies to solve challenging market problems.
- Gill Instruments manufactures and sells ultrasonic anemometer and weather station products to the global meteorological and commercial weather measurement markets.
- Gill Sensors & Controls is a leading manufacturer of specialist level sensing, oil condition, position sensors and engine control products focused on the off-highway, process control, utilities, motorsport and defence markets.
- Labcal provides specialist calibration services, with over 20 years' experience providing UKAS accredited calibrations in a wide range of parameters

The Manufacturing Engineer will ensure, through the design, development and maintenance of manufacturing processes, all products are manufactured efficiently and consistently to meet their specification and the business needs, according to current procedures and using the appropriate technology

Main duties

- Design, document, and implement processes and systems to facilitate the efficient manufacture of new and existing products.
- Maintain and support current products and manufacturing processes.
- Support the Research & Development team in the development of new products so they are economic to manufacture.
- Lead the transfer to production of new products and implementation of product changes.
- Create and maintain assembly Work Instructions and other procedures.
- Provide communication and training on new and modified processes.
- Lead and work on projects with multidisciplinary team members to ensure effective delivery of goals.
- Evaluate existing manufacturing processes and workflows to identify areas that could benefit from changes and improvements.
- Encourage & support continuous improvement efforts throughout the organisation.
- Keep abreast of relevant industry advances and champion their introduction.

- Collect, analyse, summarise and present production and process data, information and trends to management.
- Estimate staffing requirements, production times and costs to provide data for operational decisions.
- Ensure compliance with regulatory approvals, quality standards, and similar.

Candidate requirements

- Strong problem-solving skills; able to diagnose and solve any issue within the domain of manufacturing engineering.
- Degree qualified (or equivalent) in production/manufacturing, electronic, or mechanical engineering fields.
- Capable of working with design teams to apply modern manufacturing principles to new product designs.
- Able to clearly communicate complex technical details and ideas.
- Good commercial and financial understanding.
- A minimum of 5 years of professional experience in a modern electronics, software, and mechanical device manufacturing environment.

Additional advantageous experience

- Good knowledge of electronics, including fault finding.
- Certification and experience in process improvement (Green Belt in Lean Six Sigma).
- Ability to prioritise and plan activities.
- Able to interpret and edit software (e.g., Python, Autolt) and work with databases.

Person specification

- Results orientated with strong analytical, and problem-solving skills.
- Can be creative and systematic, as the situation demands.
- Supports conclusions and recommendations with facts, not opinion.
- Comfortable challenging the status quo.
- Excellent attention to detail and good verbal and written communication skills.
- Resilient, assertive, optimistic, and open to change.
- Highly motivated with a very strong personal drive and enthusiasm to overcome challenges.
- Able to work with minimal supervision.
- Capable of leading and motivating cross functional teams.
- Has a genuine interest in and commitment to personal self-development.

Reporting structure

Manufacturing Engineer – Manufacturing Engineering Manager

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.



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