



# Job description form

## Position Profile

General information	
<b>Job Title</b>	Manufacturing Engineer
<b>Company</b>	The Gill Group is an independent business with over 35 years' experience in the design, manufacture and supply of high performance sensors used across the globe in markets as diverse as meteorology, process control, utilities, agriculture, marine & transport. Gill consists of four companies: Gill Instruments, Gill Sensors & Controls, Gill Research & Development and Labcal.
<b>Department</b>	Production Engineering

## Position summary

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.
- 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 relative 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 engineering, electronics, or mechanical field.
- 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

- Certification and experience in process improvement (Green Belt in Lean Six Sigma).
- Project management.
- CAD (ideally, SolidWorks) experience.
- Able to write and edit in scripting languages (e.g. Python, Autolt, PowerShell) and work with databases.
- Strong negotiating and influencing skills.

### 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 – Chief Executive Officer**

*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.*