



Job description form

Position Profile

General information	
Job Title	Workshop Machinist and CNC CAD CAM Programmer
Company	Gill R&D is the product design and innovation behind the Gill businesses. Broad engineering capabilities combined with unique technical expertise in measurement technologies deliver products designed to solve the market's most challenging problems.
Department	Gill Research & Development Limited

Position summary

The role will involve a high level of engineering problem solving with a primary focus on manufacturing a wide range of engineering prototypes to tight deadlines, at high level of quality and H&S compliance. You will develop innovative prototyping solutions by applying your engineering abilities and expert manufacturing and assembly knowledge throughout the product development process.

Main duties

- Collaborate with engineers and designers to develop product designs and deliver engineering prototypes from within our on-site workshop.
- Program, set up, and operate CNC and manual machines to produce high-quality precision components and prototype assemblies.
- Develop CNC programming techniques and best practices.
- Inspection of precision components and assemblies to ensure adherence to specifications.
- Input and develop the future capabilities of the workshop.
- Maintain a clean and safe work environment, following all safety protocols and promoting a culture of safety.
- Input and Monitor project schedules and ensure timely completion of projects.

Candidate requirements

- Extensive experience in CNC programming, setting up, and operation of CNC milling machines and lathes.
- Extensive experience in the use of manual milling machines, lathes, sheet metal working and hand tools.
- Proficiency in programming languages such as G-code and SolidCAM software.
- A thorough understanding of technical drawings, specifications, and standards.
- Strong leadership skills with the ability to motivate and guide engineers to achieve prototyping and production goals.
- A solid understanding of manufacturing processes, materials, and tooling.
- An awareness of developing manufacturing processes such as additive manufacturing technologies to support in-house capabilities in rapid prototyping.
- Excellent problem-solving abilities and attention to detail.
- Good communication and interpersonal skills to collaborate effectively with team members and other departments.
- A degree or certification in mechanical engineering, manufacturing, or a related field.

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.