

# VACANCY

## Senior Engineering Technician: Mechanical

Reutech Radar Systems is a radar development company located in Stellenbosch. We develop radar systems and subsystems for the defence, security and mining industries, both locally and internationally.

The purpose of the Senior Engineering Technician: Mechanical position is to ensure that, within his/her scope of Mechanical Engineering, provide specific engineering competencies in support of the execution of projects.

### MAIN RESPONSIBILITIES:

#### Upholding of RRS Policies, Processes, Procedures and Standards relating to recurring mechanical engineering activities at RRS

- Perform work according to laid down processes & procedures for example:
  - Ensuring that work is contracted in the form of Works Authorisation with project managers
  - Time keeping
  - Submission of documents according to company policies and procedures
  - Following the correct procurement process.
  - Following the correct engineering change process when design changes are made.
  - Following the correct manufacturing process.

#### Team Work on Projects

- Participate in development projects as a member of a team:
- Take responsibility to meet own tasks objectives and deadlines.
- Enable other members of the team to meet their goals by:
  - Contributing to the review of designs.
  - Sharing information.
  - Providing guidance in the mechanical design field of expertise.

#### Project Involvement:

- Perform duties within the project budget as a direct project team member, which includes:
  - Provide manufacturing, design and documentation related inputs during the design phase of the project.
  - Prototype manufacturing as per drawings and instructions (Building 1st of kind units.)
  - Verify design and documentation.
  - Creating / Verifying build instructions and other manufacturing related documentation.
  - Creating / Verifying production tooling and jig.
  - Feedback to the project and design team regarding build related findings.
  - Contribute to the solving of prototype build related problems.

- Prototype build & Integration:
  - Integration of parts into a prototype system
  - Acquisition of parts.
  - Subcontractor communications.
  - Minor modifications to parts as required.
  - Machining of prototype parts.
  - Generate documents to capture the build information.
- Assist production with highly specialise tasks in the production process.

#### Workshop and Equipment

- Pursue continuous improvement within the engineering discipline and support company continuous improvement initiatives
- Maintain Mechanical Integration Area/Rooms and workshop, including tools and machinery.
- Ensure safe working environment for all within the mechanical working area.
- Mentor junior members.
- Acquisition of raw materials, tools and consumables needed for the integration area.

#### QUALIFICATIONS AND SKILLS

- A 3 year Mechanical Engineering Certificate or Diploma.
- Higher Education Engineering Diploma.
- Qualified Artisan. Preferably qualified in fitting and turning.
- A minimum of 10 years' experience within the mechanical engineering discipline with:
  - Extensive exposure to assembly and implementation processes.
  - Experience in working in a formal production environment.
  - Exposure to working in a quality assurance governed environment.
  - Working knowledge of SolidWorks will be an advantage.
- Thorough understanding and of various manufacturing techniques and materials
- Thorough understanding and working experience in the configuration process
- MS Office

CLOSING DATE: 17 OCTOBER 2022

Should you be interested and meet the requirements, please submit your application to Monique van der Walt at [moniquevdw@reutech.co.za](mailto:moniquevdw@reutech.co.za)

Should you not receive any feedback within 2 weeks from submitting your application, please consider your application as unsuccessful.

The company has the right to cancel or amend the vacancy as advertised.

