

Mechanics Quality Controller

Do you want to work in the high-tech engineering industry? Does working with detail excite you? Are you passionate about quality and spotting errors?

EMSS Antennas is looking for a **Mechanics Quality Controller**. Join our quality assurance team at our production facility and help ensure our state-of-the-art electronic and electromagnetic solutions are of world-class quality and standard. The Quality Controller role will be based at the production facility in Somerset West.

Who we are

EMSS Antennas (<https://www.emssantennas.com>), a subsidiary of the Alphawave group (www.alphawave.co.za), is an innovative engineering company based in Stellenbosch, with its production facility situated in Somerset West.

EMSS Antennas has a world-class team that designs and builds electronic and electromagnetic solutions, including state-of-the-art receivers for the world's most formidable radio telescopes, such as MeerKAT and SKA. Additionally, we are constantly developing our own products. More information can be found here: www.fieldsense.com and www.inrangegolf.com

About the job

As a **Quality Controller** focusing on mechanics, you will be responsible for ensuring absolute compliance and reliability of mechanical parts and assemblies through rigorous inspections and checks, thereby safeguarding the integrity of critical systems, minimizing defects and preserving the organisation's reputation for delivering cutting-edge, high-quality Radio Frequency (RF) technology. Your responsibility will be to ensure items received, manufactured, and delivered meet the specifications and high-quality standards as expected.

Your contributions as a Quality Controller will align with our defined processes to ensure continued compliance with our ISO-9001 quality management system. You will also collaborate with stakeholders and ensure the quality of our products and services while optimising workflows and constantly seeking continuous improvement.

Key Responsibilities, Accountabilities and Duties

Our engineering team is on a mission to create and innovate state-of-the-art radio frequency products and solutions to support our client's complex challenges.

As Quality Controller your responsibilities will include:

- Completing inspections of mechanical parts and booking into inventory, ahead of production
- Completing timely inspection of sub-assemblies during manufacturing to ensure a smooth production flow
- Ensuring that all goods and sub-assemblies are sent to customers/external parties according to documented specifications and in pristine condition
- Ensuring defects identified, are documented and addressed with the respective subcontractors
- Enforcing conformance to EMSS procedures and quality standards across the production facility
- Performing calibration and verification audits of tools and equipment monthly
- Performing any other assigned duties related to quality assurance in the production facility

Qualification And Experience Required

In order to do your best work and support EMSS in achieving its high-quality standard output, the minimum educational requirement for the role is:

- Grade 12 qualification or equivalent, with a
- Higher Certificate (NQF 5) in a mechanical-related field.

The ideal candidate for the role will have 2-5 years quality control experience within a manufacturing environment, focused on mechanics. Exposure to electronics will be an advantage.

Specific experience that supports the effective execution of this role:

- 2 or more proven years' experience in mechanical inspections within a manufacturing environment
- 5 or more years working with computers, specifically the MS Office Suite
- 3 or more years' experience with reading technical drawings
- 2 or more years' experience working in a formal Quality Management System (ISO-9001 certified company preferred)
- 2 or more years working in an engineering support role

Knowledge and Skills Required

A condition for the role is having **proven knowledge** of the following:

- Best practices relating to inspection processes
- The Occupational Health and Safety Act (*Desirable*)
- Inspections of machined and fabricated parts
- Surface treatments (Zinc plating, powder coating etc)
- Identifying and handling different mechanical materials
- Reading engineering drawings
- Inspections of welded and mechanical assemblies

The key **skills** required to be proficient in this role are as follows

- Proper documentation of inspections & non-conformities
- Root cause analysis and Corrective and Preventative Actions (CAPA)
- Click-Up platform (*Desirable*)
- MS Teams, Outlook, Word, & Excel
- Use of common inspection tools (microscope, vernier, etc.)
- Professional communication (in English)

Who You Are

At EMSS we pride ourselves on our excellence, integrity and our human-centric culture. The ideal candidate will value the abovementioned and hold the following characteristics, key to the role:

- A well-balanced, high-achieving individual, with a demonstrated track record
- A goal-oriented, organised team player
- A general attitude of serving others to achieve a common goal
- Exceptional attention to detail and strong analytical skills
- Ability to work and solve problems independently
- Eager to take ownership and accountability for their value contribution
- Ability to prioritise and multi-task, with excellent time management skills
- Excellent communication and interpersonal skills with employees at all levels
- Flexible enough for a small and medium-sized enterprise

- Capable of working in a highly technical environment

What We Offer

- A key role in ensuring high product and solution standards are delivered to both our existing and new clients
- A key role in a steadily growing company
- Competitive compensation
- 25 paid holidays per year
- The opportunity to be part of a vibrant, knowledgeable and innovative team
- A personal development plan with a structured path to develop you professionally and personally
- Personal & Professional development budget | training | we pay for the books you read
- Daily lunches and regular fun team activities
- All the necessary tools and equipment you need to provide optimal output

Apply for the job

Are you excited to become our new **Mechanics Quality Controller**? Do you have what it takes to be part of a world-class engineering support team?

Then we would love to hear from you!

Please submit the following documentation and send your application to Carol Stuart at opportunities@emss.co.za:

- Your resume and cover letter detailing your qualifications and how you can contribute to our team's success
- A copy of your most recent Academic Results and Applicable Certificates
- A certified copy of your Identity Document

Consideration of applicants will commence **23 January 2025** and we will continue to advertise until the position has been successfully filled. We would like to hire for this role as soon as we find the right-fit candidate.

If you think you have what it takes but don't necessarily meet 100% of all the criteria, please still apply. We would like to consider you and see if you could be a great fit.

Any questions can also be sent to Carol Stuart at opportunities@emss.co.za.

EMSS Antennas is an equal-opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.