



Production Engineer

A vacancy for a Production Engineer currently exists at an innovative engineering company, EMSS Antennas. EMSS Antennas (www.emssantennas.com) is a subsidiary of the Alphawave group (www.alphawave.co.za). 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

Job Overview

At EMSS Antennas, we take pride in the products developed and services we offer to industry as an integral partner to project success, meeting and exceeding the client expectations. As a Production Engineer, you will evaluate and improve production processes for enhanced efficiency and quality. You'll develop automated and non-automated systems, integrate new technology, and oversee the maintaining of the ISO 9001 certification. You'll also coordinate the quality assurance team, collaborate with stakeholders, and ensure the quality of our products and services, while optimising workflows and reducing costs.



Key Responsibilities, Accountabilities and Duties

- Evaluating and continuous improvement of manufacturing processes
- Developing effective automated and non-automated systems
- Upgrade systems and processes with new technology, test new and existing production procedures
- Evaluate manufacturing processes based on quality criteria, such as efficiency and speed
- Organise and manage manufacturing workflows and resources, optimise facility layouts and production lines
- Resolve issues and delays in production, find ways to reduce costs and maximise quality
- Train staff in new and existing processes, collaborate with other engineers, contractors and suppliers
- Preserve our reputation by ensuring the quality of our products and services
- To oversee the Quality Management System (QMS) so as to ensure continuous ISO 9001 certification
- Supervising and coordinating the quality assurance team
- Oversee the review and approval/release of design and build documentation
- Establishing QA-related strategies to improve efficiency and profitability at the facility
- To continuously collaborate with all stakeholders, including management, finance, admin and technical staff, to analyse and improve quality assurance-related systems and processes



Qualifications and Experience Required

- Degree in electrical, mechatronic or industrial engineering

- Minimum of 3 years' experience as a production engineer or related position in the electronic engineering environment
- Experience working in a high-value/low-volume production environment
- Experience working within an MRP/ERP environment
- Experience with implementing and maintaining an ISO 9001-certified QMS would be an advantage
- Proven experience in achieving the key outcomes listed above



Candidate Profile Description

- A well-balanced high achiever individual with a demonstrated track record
- Excellent organisational and time management skills
- Eager to take ownership and be accountable
- Exceptional attention to detail, strong analytical skills, and ability to prioritise and multi-task
- Excellent communication and interpersonal skills with management and staff at all levels
- Ability to mentor, develop and motivate team members
- Flexible enough for an SME environment
- Capable of working in a highly technical environment
- A general attitude of serving others to achieve a common goal
- Ability to work and solve problems independently
- Goal-oriented, organised team player



Knowledge and Skills Required

- Proficient computer skills, including Microsoft Office Suite (Word, PowerPoint, Outlook, and Excel)
- Excellent organizational and leadership skills
- Detailed knowledge of implementing and maintaining ISO certified quality management systems would be advantageous
- Knowledge of and experience working with ERP/MRP system(s) would be advantageous

Terms and Conditions

- Competitive, market-related salary.
- Various company perks.
- Starting date is as soon as possible.
- Full-time employment.
- Documents to return to Carol Stuart (cstuart@emss.co.za):
 - Comprehensive CV.
 - Academic results and applicable certificates.
 - Identity Document.
- Closing date for applications:
 - Consideration of applications will begin on 10 November 2023 and will continue until the position has been filled.