



Manufacturing Engineer

Summary:

Haigh-Farr is a premier antenna design, manufacturing and test house developing products used across all platforms in the aerospace industry including missions to Mars, the International Space Station and products fielded to the U.S. Military supporting the warfighter. In our over 50-year history we have enjoyed steady, planned growth. In 2021, Haigh-Farr plans to further grow our team and capabilities to meet increasing demand and to expand into new markets and antenna technologies.

Haigh-Farr is seeking a Manufacturing Engineer for our second shift with a strong mechanical background that enjoys a hands-on environment. This is a unique position where the individual will be involved with all hands-on processes while balancing the necessary engineering tasks required for various new and existing designs. The individual will be a proactive contributor who is able to work well as a member of the team but also independently and with little direction.

Responsibilities:

- Work with Design Engineering to evaluate manufacturability during the design process and transition new product designs successfully into Production.
- Help build prototypes and document processes utilized as well as suggest changes to designs before fabricating production units.
- Review and update product work instructions as needed.
- Develop and maintain manufacturing work instructions for new designs and existing designs.
- Participate in MRB processes.
- Train staff on methods to manufacture new designs and/or implementation of new manufacturing processes.
- Maintain accurate manufacturing engineering documentation.
- Participate in ECN review process.
- Utilize the ERP system and other electronic tools to maintain product and process data base.



Manufacturing Engineer

- Evaluate manufacturing processes; applying knowledge of product design, fabrication, assembly, tooling, and materials.
- Assure processes, including equipment, tooling, fixturing, fixture design, routings, programming, and standard work required to produce designs are available.
- Perform CNC programming by hand and with the use of CNC software (MasterCAM)
- Work with machinists to validate new CNC programs as well as changes to existing programs
- Design tooling and fixturing for new and existing antenna designs
- Specify, justify, and install capital equipment in support of production requirements.
- Contribute to the successful implementation of ShopVue software which is currently in process.

Knowledge & Skills:

- Excellent computer skills, proficient in Excel, Word, PowerPoint, and Project
- Independent, self-starter with the ability to multi-task
- Hands-on work ethic
- Soldering, etching, bonding experience desired
- Possess excellent communication skills and positive attitude
- Experience in RF component (preferably antenna) manufacturing a plus.
- Experience in the Military/Aerospace/Government (MAG) markets a plus.
- Knowledge of CAD software (AutoCAD and Autodesk Inventor)
- Knowledge of geometric dimensioning, tolerancing
- Ability to perform CNC programming by hand and with the use of CNC software (MasterCAM) a plus

Qualifications:

- Education/Experience:
- Minimum BS in Mechanical or Mfg. Engineering
- Proven work experience of 5+ years
- U.S. citizenship required.



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- Ability to possess a security clearance

Why should you join Haigh-Farr?

Haigh-Farr is a fast paced, growing company that recognizes employees with a promote-from-within philosophy. We believe in a friendly work environment where employee contributions are well received and a key component to our success. With an expansion currently underway, Haigh-Farr is planning for growth and will be increasing our manufacturing and testing capabilities adding the latest technology. Please see more details about our benefits below.

- Health Insurance Plan with Health Reimbursement Feature, Dental Insurance and Vision Insurance
- Flexible Spending Accounts – Health and Dependent Care
- Company Paid Disability Insurance and Group Term Life Insurance
- Paid Vacation, Holidays, and Sick Time
- 401K with Company Match and PSP option
- Competitive salary, commensurate with experience and capabilities. Yearly bonus incentive.
- Company Sponsored Social Events – pizza luncheons, golf outings, food truck BBQ luncheons, Holiday Parties
- Wellness Prevention – Annual In-House Flu Clinic, Gym Membership discount through Health Insurance Plan