



Job Title: R&D Test Engineer I

Job Description:

The position of R&D Test Engineer is responsible for carrying out the research, development and testing of new products and technologies for StarChase, as well as supporting the maintenance and improvement of existing products and technology. This encompasses managing test schedules, oversight of test bench activities, producing and updating drawings, acquiring prototypes and product testing. In addition, the R&D test engineer position is responsible for supporting and resolving warranty or service issues reported in the field through phone or email contact. The position is based in the corporate offices in Virginia Beach, VA and reports to the head of Engineering.

Responsibilities:

- Managing R&D projects and test schedules
- Coordinating with projects/timelines in engineering/product development
- Coordinating product improvements/running changes with engineering, manufacturing and purchasing
- Producing drawings for prototypes and production parts
- Performing product testing and R&D, including rapid prototyping and endurance testing
- Supporting warranty and service issues, communicating with Service delivery and customers in troubleshooting and resolving issues in the field
- Inspection of parts against engineering drawings and specifications
- Aids in the processing and filing of engineering documentation including engineering changes
- Performs other various duties as deemed suitable by engineering management

The R&D Test Engineer I position's skill and experience requirements are listed below but not limited to, the following:

- At minimum, must have a Bachelor's in Mechanical Engineering or related engineering field
- At least 1 year experience in engineering or product development using CAD
- Must be proficient in PTC Creo or Pro/ENGINEER Wildfire
- Must have skills in project management and maintaining detailed documentation
- Must have excellent problem-solving skills
- Must be able to read drawings/blueprints and understand tolerancing/stackups
- Must be mechanically inclined and able to use toolsets
- Must be able to follow directions and have an attention to detail
- Must demonstrate high level of self-initiative towards constant technology & process improvement
- Need to be capable of working in team environment as well as on their own, self-initiator where needed
- Needs to possess good communication skills
- Experience in electronics system design a strong plus
- Experience using MPLAB X highly desirable

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