

Job Title: Field Test Technician

Department: Agriculture Manufacture Field Test Site

Reports To: Liaison Engineer

Job Function:

An agricultural manufacture testing facility is located at host farms in Aguila, AZ and Riverdale, CA. The technician's purpose is to assist the agricultural manufacture's engineering department in research and development by working on experimental and production machines. Technicians perform mechanic duties at the test site shop as well as in the field to keep the machines running on test as many hours as possible. Flaws that are discovered through failures or shortcomings of design and part quality are reported in a clear and complete manner to the engineering center.

Essential Duties:

Description of duties performed in this job.

- Independently perform basic and complex machinery diagnostics, repairs and maintenance work on test vehicles.
- Perform field tests of prototype machines in various agricultural conditions in accordance with instructions from product engineering personnel.
- Analyze root cause of failures.
- Provide data using data collection tools as needed.
- Provide operational and technical support for prototype and limited release machines in the farms possession.
- Compile test reports and communicate results to the appropriate engineering design group.
- Prepare reports and forms required in conjunction with work assignments.
- Fabricate experimental parts using drawings and/or hand sketches (sheet metal, machining, welding, fiberglass).
- Maintain condition of vehicles, inventory, tools and equipment in good working order.

Technical Skills & Knowledge:

Specialized skills, knowledge and abilities needed to perform the essential functions of the job.

- Knowledge in engineering principles, theory and practice as well as product knowledge. Has a general understanding of the principles and uses the knowledge with assistance.
- Excellent skills in operating vehicles and equipment used for diagnostic purposes.
- Familiarity with mechanical, electrical and hydraulic systems.
- Multi-lingual (Proficient in English and Spanish is preferred)
- Proven knowledge of methods, materials, tools and techniques used in the repair of agricultural equipment.
- Strong problem solving and troubleshooting skills.
- Good communication and teamwork skills.

Qualifications:

Competencies, education and relevant work experience critical for successful individual performance.

- Excellent skills in operating vehicles and equipment used for diagnostic purposes.
- High School Diploma or GED equivalent.
- Degree in an Engineering/Technology/Agriculture Science discipline or equivalent experience is preferred.
- Clean driving record
- Ability to analyze, interpret and write routine reports and correspondence.
- Ability to speak effectively one-on-one and before groups of customers or employees of the organization.
- Ability to use standard desktop load applications such as Microsoft Office and internet functions.

Submit resume to www.martorifarms.com