

## **Staff Test Engineer**

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**Department: Test Department – Fort Myers, Florida headquarters**

### **JOB PURPOSE**

ATS seeks a skilled Electronics Test Engineer to perform complex electronic and high power testing, run software functional tests, and work with Engineering in product development.

### **JOB RESPONSIBILITY SUMMARY**

- Conduct routine testing, troubleshooting, and determine modifications and/or repair of new solid-state electric traction and propulsion controllers
- Cleaning and repair of returned material when applicable
- Provide technical feedback to electrical / software engineering design teams for drive performance and testing procedure improvement
- Perform complex electronic and software tests in accordance with defined engineering procedures or guidelines under the direction of engineers
- Build engineering prototypes and test fixtures under the direction of an electrical engineer or Testing Dept. Manager. Assist in creating, documenting and updating test procedures
- Assist engineers in the evaluation of new electronic components
- Assemble / maintain test fixtures, load banks, and other components common to product testing and development
- Provide support to engineering staff as needed
- Process Engineering Change Orders (ECO's) under the direction of engineers or Test Dept. Manager
- Follow and improve R&D and test processes. Document and maintain pertinent test records

### **REQUIRED KNOWLEDGE, SKILLS, & ABILITIES**

**Education/  
Licensure/  
Credentials**

- Bachelor's degree in Electrical Engineering technology or foreign equivalent based on academic credentials evaluation, training and/or experience

**Experience**

- Some experience as an Electronics Test Technician preferred, or related, with strong capability in electrical test

**Special  
Knowledge/  
Skills**

- Working knowledge of analog and digital electronics and electronic circuits
- Ability to read printed circuit board schematics and identify function of circuit design
- Familiarity with modern test equipment
- Must be able to successfully pass ATS's Basic Electronic Exam
- Experience using common electronic test equipment
- Practical knowledge of 3-phase power systems
- Experience with Microsoft Windows Operating Systems and associated applications

### **HOW TO APPLY**

Please Contact: ATS Human Resources  
Email Address: [hr@americantraction.com](mailto:hr@americantraction.com)  
Phone Number: (239) 768-0757

This job description supersedes all previous job descriptions. The job description is intended to be a tool to describe the primary purpose of the job and the KEY duties and responsibilities. The job description is not to be construed as an exhaustive list of all duties and responsibilities required. Management has the right to add to or change the job responsibilities at any time. All personnel may be required to perform duties outside their normal responsibilities from time to time, as needed.