

JOB DESCRIPTION

Job Title: Senior Test Engineer
Department: Test Department – Fort Myers, Florida headquarters

JOB PURPOSE

- Saminco Inc seeks a skilled Senior 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, & determine modifications and/or repair of new solid-state electric traction & propulsion controllers for coal and hard rock mining drive systems, battery systems, and trolley cable vehicles
- Cleaning & Repair of Returned material when applicable
- Provide technical feedback to electrical / software engineering design teams for drive performance & 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 & 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

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills, and ability required.

- Education/
Licensure/
Credentials**
- Bachelor's degree in Electrical Engineering technology or foreign equivalent based on academic credentials evaluation, training and/or experience
- Experience**
- Four years experience as an Electronics Test Technician 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 & identify function of circuit design
- Familiarity with modern test equipment
- Must be able to successfully pass Saminco'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

**Attendance/Pu
nctuality**

- To maintain a safe and productive work environment, Saminco, Inc. expects employees to be reliable and to be punctual in reporting for scheduled work.
Poor attendance and excessive tardiness are disruptive.

PHYSICAL REQUIREMENTS/HAZARDOUS WORKING CONDITIONS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential work functions.

Physical Demands		Vision/Sight/Hearing		Physical Strength	
X	Standing	X	Vision-Far Acuity	X	Sedentary Work
X	Walking	X	Vision-Near Acuity	X	Light Work
X	Sitting	X	Vision-Depth Perception	X	Medium Work
X	Lifting	X	Vision-Peripheral		Heavy Work
X	Carrying	X	Color Vision		Lifting up to 10 lbs.
X	Pushing/Pulling	X	Listening/Hearing		Lifting up to 25 lbs.
	Climbing			X	Lifting up to 50 lbs.
	Balancing				Lifting over 50 lbs.
	Stooping				
X	Kneeling	Environmental Conditions			
X	Reaching		Temperature Changes	X	Hazards
X	Handling		Infectious Disease		Wet
X	Feeling		Humid	X	Hazardous Chemicals
X	Talking	X	Noise		Blood/Body Fluids
X	Eye/Hand/Foot Coordination				
	Vibration				
X	Typing/Keyboarding	X			

NOTE: Jobs such as underground mine equipment repair technician will require a medical examination to determine fitness for duty.

Saminco Inc offers competitive wages, a full benefits package, and a flexible, dynamic and engaging work environment with opportunities to learn across many industries.

HOW TO APPLY

Please Contact: Lily Lohuiz
 Email Address: hrdept@samincoinc.com
 Phone Number: (239) 561-1561

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.