



Rantec Power Systems Inc.
Los Osos, California

JOB DESCRIPTION

Title: Test Equipment Technician

Date: December 2025

Department: Test Engineering

FLSA Status: Non-Exempt

Reports To: Test Engineering Manager

Scope

The Test Engineering team at Rantec is tasked with keeping the production test environment up and running smoothly to allow our Test Technicians to provide accurate and consistent results. The Test Equipment Technician typically works under the direction of engineers to support various engineering tasks. They primarily focus on the hands-on aspects of building, troubleshooting, repairing, and calibrating test equipment. They may assist with measurements and special tasks. You will have the opportunity to expand your skillset through formal training and through hands-on experience working beside talented engineers.

Essential Duties and Responsibilities, including but are not limited to the following:

- Fabricate test equipment, fixtures, and cabling.
- Provide routine maintenance and calibration of test equipment.
- Provide training for other staff on the proper use of test equipment.
- Alternate work schedule supporting weekends.
- Repair or replace faulty components or systems in test equipment, ensuring minimal downtime.
- Work with engineers, quality control personnel, and other technicians to address equipment issues and improve testing processes.
- Execute manual and automated tests and document results thoroughly.
- Ensure all test equipment and procedures adhere to safety standards and regulations.
- Provide feedback on test equipment design and automated test improvements.
- Maintain accurate records of fabrication, maintenance, calibration, and repairs, including detailed reports and logs.
- Manage inventory of spare parts, tools, and equipment, ensuring availability for maintenance and repairs.
- Ability to work flexible hours and/or different shifts, if needed.
- Ability to work in a safe professional manner adhering to all regulatory requirements including OSHA, EPA, State and Federal Regulations.
- As the Company's success relies on the productivity of our team and adherence to customer product schedules, an essential function of this position is the ability to arrive to work on-time, and work each day, as scheduled.
- Perform other duties as assigned.

Qualification Requirements:

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, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

This position requires access to our export-controlled commodities, technical data, technology and services. These items are restricted under the International Traffic in Arms Regulations (ITAR) to U.S. Citizens, Lawful Permanent Residents of the U.S. and properly licensed foreign persons. Therefore, employment is contingent on compliance with ITAR regulations and successfully obtaining and maintaining the necessary export authorization license from the U.S. Department of Commerce's Bureau of Industry and Security, U.S. Department of State's Office of Defense Trade Controls, or other applicable government agency.

Education and Experience

- Associate degree in a technical or engineering field preferred.
- 5 years' hands-on experience in electronics test equipment preferred.
- Demonstrated ability to fabricate test equipment and cabling.
- Perform routine maintenance, calibration, and troubleshooting on a wide range of test equipment.
- Ability to troubleshoot equipment issues and develop effective solutions.
- General operational knowledge of electronic test equipment and environmental systems.
- Understand basic analog circuitry and ability to read electrical schematics and assembly drawings.
- Ability to clearly communicate technical information to engineers and other team members.
- Meticulous approach to ensure accuracy in testing, calibration, and documentation.
- Experience with the MS Office suite (Excel, Word, PowerPoint).
- Soldering (IPC J-STD-001 certification) preferred.
- Electronics inspection (IPC A-610 certification) preferred.

Physical Requirements

The physical demands described here are representative of those to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Work within a factory environment, including moderate noise and chemical odors
- Moving between sitting, standing and walking
- Consistently lifting and handling up to 50 pounds.
- Specific vision abilities required by this job close vision, distance vision, peripheral vision, depth perception and the ability to focus, with correction, if needed, to perform hand soldering and wiring of assemblies.

Rantec is proud to be an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or status as a protected veteran. Rantec will consider reasonable accommodation to its policies for employees and applicants due to sincerely held religious belief.