



YES (Yield Engineering Systems, Inc.) is a leading manufacturer of high-tech, cost-effective equipment for transforming surfaces, materials, and interfaces at the nanoscale. From startups to the Fortune 50, our customers rely on YES solutions to unleash products that change lives -- from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID.

Our industry-leading technologies and capital equipment products are driving innovation in a wide range of exciting and growing markets. We look forward to talking with smart, energetic, team-oriented people who can grow with us. We provide competitive salary and benefits (including employee stock ownership), a beautiful light-filled new facility in a central location, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

**Job Title: Senior Engineering Technician**

**Job Location: Fremont, CA**

We are currently seeking a Senior Engineering Technician with semiconductor capital equipment experience. This individual will work with engineers, field service technicians and operations to assemble, integrate, test, and troubleshoot complex electro-mechanical systems. Hands-on experience with thermal systems, vacuum systems, and wafer transport systems – especially with EFEMs (environmental front-end modules) – is essential, as is the ability to understand electrical schematics, and troubleshoot to isolate system performance issues down to the component level. Most work will be autonomous or in small teams.

#### **Key Responsibilities**

- Performs complex electro-mechanical technical functions and activities such as test, fabrication, modification, troubleshooting and assembly of electronics and electro-mechanical systems, experimental design circuitry, prototype models, specialized test equipment, tools, and test fixtures.
- Performs system software testing based on engineering procedures. Document and provide feedback to software engineers.
- Performs simulation testing and component level testing based on schematic, software configuration, and test procedures.
- Observes all safety standards. Maintains a secure, safe, clean, and healthy work environment. Follows operating instructions, uses protective equipment when required, and uses equipment and materials properly. Actively strives to prevent accidents and injuries.

#### **Skills and Capabilities**

- Has a good understanding of how related teams coordinate their efforts and resources to achieve objectives.
- Problem-solving: exercises judgment based on previous experience, practices, and precedents to identify and solve problems that arise with little or no precedent.
- Interpersonal skills: exchanges ideas and information effectively, uses tact and diplomacy when dealing with others.
- Proficient with computer software, including Microsoft Office Suite (Outlook, Excel, PowerPoint).
- Able to work flexible hours and overtime as needed.

## **Qualifications**

- Education
  - Associate's degree (will consider equivalent work experience at a senior level)
- Work Experience – must be able to:
  - Demonstrate skills developed from testing and troubleshooting system level and component level problems in electrical and mechanical systems and sub-systems with minimal supervision.
  - Show assignments that required solution of difficult problems by application of technical knowledge.
  - Discuss situations in which you performed complex new system and NPI installations and field upgrades.
  - Discuss situations in which, while performing necessary rework, you assisted in determining remedies for malfunctions.

## **Compensation**

- YES offers a stimulating and fun working environment, competitive salaries & benefits, and company stock.

## **Additional Information**

- Applicants must be currently authorized to work in the United States on a full-time basis.
- YES is an equal opportunity employer and values diversity. All employment is decided on the basis of qualifications, merit, and business need.

**Come find out why YES is such a great place to work. Apply today!**