



Senior Engineering Technician

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 vacuum cure ovens, chemical vapor deposition (CVD) systems, and plasma etching tools 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 Description Overview

Senior engineering technician with semiconductor capital equipment experience. Individual will work with engineers, field service technicians and operations to assemble, integrate, test and troubleshoot complex electro-mechanical systems. Hands-on experience with vacuum systems and wafer transport systems, especially with EFEM (environmental front end modules) is essential, as is the ability to understand electrical schematics, and trouble shoot 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.
- Perform system software testing based on engineering procedures. Document and provide feedback to software engineers.
- Perform 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.

Business Experience

- 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

Qualifications**Education:**

Associate's Degree, but will consider equivalent work experience at a senior level.

Work Experience - show skills developed from the following:

- 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 when you performed more complicated or complex new system and NPI installations and field upgrades.
- While performing necessary rework where you assisted in determining remedies for malfunctions.

Additional Comments

Ability to work flexible hours and overtime as needed

YES offers a competitive benefits package, which includes:

- Medical, dental and vision
- 401k plan
- Opportunity for stock ownership
- Vacation and sick time
- 11 paid holidays