



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 Title: Sr. Electrical Engineer

Location: Fremont, CA

This individual will assume responsibility for technical assignments for the design and development of semiconductor capital equipment and other industrial machinery and will draw upon their experience with AC/DC power distribution, automation & PLC control systems, and digital/analog interface & cabling interconnection.

Key Responsibilities

- Design AC/DC power distribution systems per NFPA 79, SEMI S2
- Design motion controls with stepper/servo motor & drive, temperature PID control
- Design PLC I/O controls: Beckhoff PLC, I/O & safety modules, RS232/485, Profibus, Profinet
- Schematic capture, component layout, cable drawing, bill of material, ECO documents
- AutoCAD, OrCAD, 3D SolidWorks a plus
- Electrical troubleshooting
- Project management and design reviews
- Support production on new system assembly & test
- Work on CIP projects
- Other duties as assigned

Required Qualifications

- BS or MS degree in Electrical Engineering or related technical discipline with 5+ years of experience
- Willingness to take on new tasks
- Excellent written and verbal communication skills
- Detail-oriented

Compensation

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

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!