



SPEC (Semiconductor Process Equipment Corporation) is a division of YES, a leading manufacturer of reliable, high-tech, cost-effective capital equipment that transforms materials and surfaces at the nanoscale. From startups to the Fortune 50, customers rely on our proven solutions to help them unleash products that change lives – from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID.

As a preferred provider of wet and dry process technology, 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, 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: Valencia, 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 & 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.
- This role is based at the SPEC facility in Valencia, CA.

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