



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!

**Title:** Electrical Engineer

**Location:** Fremont CA

#### **Key Responsibilities**

- Modify or design electrical assemblies, layouts/schematics and/or detailed drawings/specifications of moderate scope.
- Generate technical documentation for product release.
- Electrical component selection, and cable/harness, routing design.
- Troubleshoot a variety of complex electrical problems in engineering and production environments.
- Collaborate with System, Mechanical, and Software engineers to define design requirements, generate product specifications, and develop electrical subsystems.
- Define, coordinate, perform, and document engineering tests.
- Support manufacturing to ensure a smooth transition into mass production.
- Solving component reliability problems by characterizing components, designing/prototyping control systems.

#### **Required Qualifications**

- BS or MS degree in Electrical Engineering, with 3+ years of experience.
- Experience in industrial control systems, PLC and communication protocols (EtherCAT, DNET etc.).
- Working knowledge of design standards (including UL, SEMI).
- Experience in design of close loop thermal control systems.
- Team oriented problem solver, with excellent organizational and communication skills.
- Technical knowledge of electrical & electromechanical concepts and applications: components, schematics, electrical system, cable & harness.
- Experience with Engineering change management (ECR/ECO) process using PLM/ERP systems.

#### **Preferred Qualifications**

- Familiar with AutoCAD, AutoCAD Electrical.
- Experience in semiconductor capital equipment industry preferred.
- Mechatronics engineers with a strong emphasis in electrical controls will be considered.
- Experience in semiconductor, solar, MEMs or industrial capital equipment industry preferred.

**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!**