



## **Yield Engineering Systems, Inc**

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[www.yieldengineering.com](http://www.yieldengineering.com)

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, 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!

### **Director of Electrical Engineering**

Location: Fremont CA

#### **Key Responsibilities**

- Design control systems for new products - layouts/schematics/component selection/test
- System controller with distributed I/O
- Power distribution
- Safety controls
- Multi Axis motion
- Electrical component selection, and cable/harness design.
- 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.
- Generate technical documentation for product release.
- Deliver full engineering package, and support manufacturing to ensure a smooth transition into mass production.
- Solve challenging engineering problems by characterizing components, designing/prototyping control systems, circuits, schematics, etc.
- Hands-on experience with developing and delivering complex controls systems.

### **Required Qualifications**

- BS or MS degree in Electrical Engineering or equivalent with 10+ years of experience.
- Experience in industrial control and communication (PLC, EtherCAT, etc.).
- Thorough knowledge of design standards including (UL/CSA/NFPA, S2/S8/F47/CE)
- Team-oriented problem solver, with excellent organizational and communication skills.
- Sound 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**

- Previous experience in semiconductor capital equipment industry preferred.
- Proficiency with EPLAN design software is a plus.
- Experience with Beckhoff products
- Advanced control loops design and simulation experience
- Ability to lead teams

### **Compensation**

- YES offers a stimulating and fun working environment, competitive salaries and benefits, and 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!**