



## **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!

### **Senior Mechanical Engineer**

#### **Summary**

Leads mechanical & electromechanical design and development efforts

#### **Duties & Responsibilities**

- Specifies, designs, analyzes, simulates, prototypes, builds, tests, documents, and releases to manufacturing required mechanical systems of significantly complex scope
- Leads projects with notable risk and complexity; develops the strategy for project execution
- Organizes, plans, tracks, and resolves design problems associated with product performance in engineering, manufacturing, and the field
- Interfaces with internal and external customers regarding significantly complex engineering issues to address customers' High Value Problems (HVP) for a range of products
- Works with appropriate departments to ensure design specifications meet or exceed all applicable regulatory standards
- Identifies and troubleshoots a wide range of significantly complex engineering problems
- Prioritizes and manages multiple projects within design specifications and budget restrictions
- Performs other related duties as assigned by management

### **Minimum Qualifications**

- Bachelor's degree (B.S.) or equivalent in Mechanical Engineering
- 10 - 15 years related experience or equivalent
- At least 5 years of experience in semiconductor capital equipment and high vacuum practices
- Proficient in SolidWorks
- Excellent written and oral communication skills
- Strong organizational, problem-solving, and analytical skills
- Versatility, flexibility, and a willingness to work within constantly changing priorities with enthusiasm
- Acute attention to detail
- Demonstrated ability to plan and organize projects
- Proven ability to handle multiple projects and meet deadlines
- Good judgement with the ability to make timely and sound decisions
- Creative, flexible, and innovative team player

### **Preferred Qualifications**

- Experience in Semiconductor Equipment industry
- Regarded as a technical expert in their particular field.
- Proficient in the use of SolidWorks PDM

### **Competencies**

- Design--Generates creative solutions. Translates concepts and information into images. Uses feedback to modify designs. Applies design principles. Demonstrates attention to detail.
- Innovation--Displays original thinking and creativity. Meets challenges with resourcefulness. Generates suggestions for improving work. Develops innovative approaches and ideas. Presents ideas and information in a manner that gets others' attention.
- Problem Solving--Identifies and resolves problems in a timely manner. Gathers and analyzes information skillfully. Develops alternative solutions. Works well in group problem-solving situations. Uses reason even when dealing with emotional topics.
- Quantity--Meets productivity standards. Completes work in timely manner. Strives to increase productivity. Works quickly.
- Initiative--Volunteers readily. Undertakes self-development activities. Seeks increased responsibilities. Takes independent actions and calculated risks. Looks for and takes advantage of opportunities. Asks for and offers help when needed.

**Come see why YES is such a great place to work. Apply today!**