



Yield Engineering Systems, Inc

3178 Laurelview Ct ■ Fremont CA 94538-6535

Telephone: 510-954-6889 ■ US Toll Free: 888-937-3637

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!