

# MECHANICAL DESIGN ENGINEER



## EMPLOYMENT OPPORTUNITY

### WEBSITE:

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

### Join Our Team:

If you are a highly skilled and innovative **Mechanical Design Engineer** with a passion for problem-solving, we invite you to apply for the **Mechanical Design Engineer** position at CELINA. Please submit your resume and cover letter detailing your relevant experience and qualifications to [HR@celina.com](mailto:HR@celina.com) with the Subject Line "Mechanical Design Engineer".

### COMPENSATION & BENEFITS includes:

- Competitive base salary, plus bonus potential
- Paid Time Off
- Comprehensive benefits package including medical, dental, and vision coverage.
- 401(k) Retirement Plan
- Opportunities for professional development and career advancement within the organization.

CELINA is an equal opportunity employer committed to diversity and inclusion in the workplace.

### About CELINA TENT:

CELINA TENT, Inc., is a dynamic and globally renowned organization headquartered in Celina, Ohio, USA. Celina Tent Inc. is a leading provider of military shelters and solutions, serving the needs of defense and military customers worldwide since 1996. Our commitment to quality, innovation, and customer satisfaction has established us as a trusted partner in the industry.

### POSITION OVERVIEW:

We are seeking a highly skilled and innovative **Mechanical Design Engineer** to join our dynamic engineering team. Successful candidates for our positions will be able to work on a variety of projects including the design and testing of metal frames and truss structures and electrical systems and components. The ideal candidate will have extensive experience in mechanical engineering, expertise in CAD and FEA, and a proven track record of developing robust and efficient engineering solutions.

### Job duties include, but not limited to:

- Lead the design of new engineering products
- Develop and iterate on product designs to meet specifications and integrate new technologies.
- Utilize advanced CAD software to create detailed 3D models and drawings of new products and enhancements to existing products.

- Apply FEA methods to predict how product designs will perform under various conditions. Use results to refine designs and improve product performance and safety.
- Conduct research on emerging technologies and industry trends to develop new product ideas and enhancements for existing products.
- Collaborate with team members to assess feasibility and implementation strategies.
- Evaluate the performance of existing products and make design modifications to improve efficiency, durability, and manufacturability.
- Work closely with manufacturing team to ensure designs are optimized for manufacturability.

### Knowledge, Skills & Abilities:

- Bachelor's degree in Mechanical Engineering or related field or non-degree considered with equivalent related experience along with high school diploma or GED;
- Minimum of 5 years of proven work experience as a mechanical design engineer or in a similar role.
- Experience with CAD software such as AutoCAD, Inventor, SolidWorks.
- Experience with FEA tools and methodologies.
- Strong understanding of material properties and manufacturing processes.
- Ability to work collaboratively in a team environment and manage multiple projects simultaneously.
- Excellent problem-solving skills and attention to detail.
- Strong communication and interpersonal skills.

