



**Job Title: Mechanical Designer/Mechanical Engineer**

**Location:** Oakland City, Indiana

**Company: Shamrock Engineering**

**About Us:** Shamrock Engineering specializes in building automated assembly and test equipment. We are dedicated to providing top-notch engineering solutions to our clients, ensuring their needs are met in a timely manner with robust solutions. Our team works in a collaborative environment that fosters self-development, empowerment, and the exchange of ideas. We pride ourselves on our family-oriented culture, resourcefulness, and our commitment to solving problems.

**Job Description:** We are seeking a talented and motivated Mechanical Designer/Mechanical Engineer to join our team. In this role, you will be responsible for designing specialized equipment and systems for automated assembly, test, and other various processes. Your expertise will contribute to the innovative solutions we deliver to our clients, enhancing their manufacturing processes.

**Key Responsibilities:**

- **Design and Development:** Utilize Solidworks design software to create detailed 3D models and engineering drawings of mechanical components and systems.
- **Project Collaboration:** Work closely with cross-functional teams, including electrical engineers, programmers, and project managers, to ensure cohesive project execution.
- **Prototyping and Testing:** Develop prototypes and conduct testing to validate design concepts and ensure compliance with project requirements.
- **Client Interaction:** Engage with clients to understand their specific needs, provide technical support, and ensure satisfaction throughout the project lifecycle.
- **Continuous Improvement:** Identify opportunities for process improvements and contribute to the development of innovative solutions to enhance product performance and efficiency.
- **Documentation:** Prepare comprehensive documentation, including design specifications, test reports, and user manuals.
- **Compliance and Standards:** Ensure all designs comply with relevant industry standards and regulatory requirements.



## Requirements:

- Proficiency in Solidworks design software.
- Strong understanding of mechanical design principles and manufacturing processes.
- Excellent problem-solving skills and attention to detail.
- Ability to work effectively in a team-oriented, collaborative environment.
- Strong communication skills, both verbal and written.
- Experience with automated assembly and test equipment design is a plus.

## Core Values and Guiding Principles:

At Shamrock Engineering and Automation, our guiding principles shape our decisions and actions. We are committed to:

1. **Customer Focus:** Being sensitive and responsive to our customers' needs and devoted to their satisfaction.
2. **Empowerment:** Providing a working environment conducive to self-development, empowerment, and the exchange of ideas.
3. **Family Orientation:** Supporting our team members in fulfilling their family responsibilities.
4. **Resourcefulness:** Working with a sense of urgency and resourcefulness in all we do.
5. **Team Collaboration:** Collaborating and working as a team to provide the best solutions that are financially feasible.
6. **Positive Behavior:** Behaving with humility, respect, passion, and positivity in all our interactions.

## Why Join Us:

- Opportunity to work on innovative projects with a dynamic and supportive team.
- Professional growth and development opportunities.
- A family-oriented work environment that values work-life balance.
- Competitive salary and benefits package.

If you are passionate about mechanical design and eager to contribute to a company that values innovation, collaboration, and customer satisfaction, we encourage you to apply. Join us at Shamrock Engineering and Automation and be a part of our exciting journey!

## How to Apply:

Please submit your resume detailing your relevant experience and why you would be a great fit for our team to [tjines@shamrockeng.com](mailto:tjines@shamrockeng.com)