

## **Manufacturing Maintenance Engineer**

\$22 / hour Minimum but may be adjusted depending on experience

### **Introduction:**

We are a Japanese company that supplies parts to the automotive sector. Our parent company is in Utsunomiya, Tochigi and we have facilities in Troy, Michigan, Aguascalientes, Mexico and Wuxi, China.

JET alumni, MEXT alumni, and college graduates are welcome to apply. While not a requirement, those with Japanese language & experiences will have the opportunity to use it, hear it and learn what it is like to work in a Japanese company.

We are a small company with familiar atmosphere. Accessible and Open-door policy with Top Management. No micro-managers here. Looking for self-motivated, self-learning, honest, and results-oriented individuals. Excellent opportunities for growth in the company. For those who have the drive and initiative we will train additional skills on the job

### **Job Description:**

We are searching for candidates who can help us keep our machines processes in good repair and reach our goals of improving productivity and throughput through the use of automation.

### **Minimum Duties For Entry Level:**

- General facility upkeep and repair
- Help repairing machines. (On the Job Training and assistance provided)
- Basic Fabrication
- Basic Forklift Operation as needed (trained on site)

### **Requirements:**

Electrical, Mechanical Engineering or similar experience.

- Mechanical aptitude with good dexterity and fine motor control to perform your job duties.
- Work well as a team and be able to communicate effectively with management
- Creative Thinking and Problem-Solving Skills.
- Be a self-starter and motivated to learn and improve
- This is a physical job so be ok with Dusty and Oily environments as well as need to lift up to 50 pounds as needed.

### **Duties for those with more Advanced Experience:**

- Working with Maintenance, Quality and Process Engineer Teams to develop an automation system to improve and control the process.
  - Machine auto-feeding
  - Vision inspection machines for production parts.
  - Process & Line Automation
- Choosing and programming a controller and establishing communication between the sensors (inputs), actuators (outputs), and controller.
- Simulating, installing, testing, and managing electrical or mechanical automation.
- Organize and update the automation schedule and report current project status.
- Monitoring the automated processes on an ongoing basis and report to kaizen team.

### **Advanced Requirements:**

- Be familiar with types of automation sensors and vision systems. (Keyence, Banner, Cognex, etc.)
- Proficiency in PLC Programming as it relates to automation systems.