

## **Job Title: Mechanical Designer II**

Reports To: Engineering Manager  
Direct Reports: none  
Compensation: Salary  
Employment Status: Full Time (45 hours per week)

### **COMPANY INFO**

M.W. Watermark wants to make a difference. We are passionate about the world's water. We are innovative, focused on customer service and always try to exceed expectations. We are an environmentally conscious company with people who are energized, encouraged and inspired to make a difference in the water business, and as a result, make a positive difference to our planet by helping to keep our shared, finite water supply clean and usable for generations to come. We build amazing, custom water and wastewater treatment equipment. We also specialize in refurbishing used water treatment equipment. Together, we can make a difference.

### **SUMMARY**

This position will require providing mechanical designs in 3D models (Autodesk Inventor) and detailing drawings of new and existing products under the direction of an Engineer. This position will also assist with and/or complete mechanical calculations and FEA analysis.

### **PRIMARY RESPONSIBILITIES**

1. Creating 3D models for new product design, development and reengineering of products.
2. Preparing BOM's and interfacing them with the ERP system.
3. The ability to work in a self-directed, fast paced environment.
4. Promote and contribute to a continuous improvement culture.
5. Responsible for conceptual and detailed design and development of systems and components.
6. Production support including, drawing interpretation, assisting manufacturing team with design related troubleshooting, teaming with production personnel to improve designs, etc.
7. Other duties as assigned by the Engineering Manager.

### **KNOWLEDGE AND SKILL REQUIREMENTS**

1. 4+ years designing in Autodesk Inventor with in-depth knowledge of Inventor features such as, sheet metal, I-parts, assemblies, weldments, etc.
2. Technical Associates Degree, Mechanical Engineering degree preferred
3. Working knowledge of electrical systems, hydraulic systems, pneumatic system, etc.
4. Knowledge of and the ability to apply principles of DFMA.
5. Excellent written and verbal communication skills.

### **WORKING CONDITIONS**

Working conditions are normal for an office environment. Occasionally work will be done on the production floor which requires the use of safety equipment to include but not limited to; safety glasses, hearing protection, steel toe work boots, and hardhats.