MECHANICAL DESIGNER / ENGINEER

Posting ID: EM17701432

Company: May Manufacturing LLC dba Artesian Spas

Work Location: 4720 N. Lamb Blvd. Las Vegas, NV 89115

Position Type: Full-Time

Salary: $45000-$48000

College Major(s): Mechanical Engineering (ME)

College Level(s): Undergraduate-Junior, Undergraduate-Senior, Graduate Student

OVERVIEW

Artesian Spas (May Manufacturing, LLC) is an award winning American manufacturer of custom, luxury hydrotherapy spas and exercise pools. Artesian Spas unique handcrafted artistry and performance innovation has set the industry standard, giving Artesian Spas world-wide recognition with dealerships expanding into 60 plus countries and growing. Artesian Spas provides the industry’s leading hot tub brands: Platinum Elite, Island Spas, South Seas Spas, Garden Spas, and the innovative exercise pool called the TidalFit featured on the ABC television show Extreme Makeover Weight Loss Edition. In addition, May Manufacturing, LLC produces private lines called Tropic Seas Spas.


The Mechanical Designer/Engineer will assist the Engineering Department in research, design, and data analysis of mechanical and electrical components and systems for use in spa manufacturing. In this role, hands-on construction and testing of experiments, prototypes, and measurement will be required in addition to sound computer skills.

Roles and Responsibilities

Assist the Engineering Department with research and development of products utilizing basic principles of physics, mathematics, and mechanical, electrical, thermal, and hydraulic engineering.

Responsible for setting up and performing mechanical and electrical experimentation involving fluid flow, temperature, voltage and amperage readings.

Perform testing protocols in-house to meet national and international standards and compliances.

Complete basic calculations using principles of physics, mathematics, and mechanical, electrical, thermal, and hydraulic engineering.
Create models using 3D modeling software and other technical documentation from measurements and calculations performed.

Support Customer Service and Quality Departments with equipment related data questions and setup of special request tests of defective equipment.

**Education and Qualifications**
Knowledge of rudimentary physics, mathematics, and mechanical and electrical engineering concepts, equations and testing practices.

Extensive Technical skills with: 3D Modeling CAD software (SolidWorks) and Microsoft Office applications including Word and Excel.

Work well in a team-environment, and be able to take assignments and complete with limited supervision and/or assistance.

Solid technical analysis aptitude and a willingness to learn and perform new skills.

Associate’s Degree in Engineering or a similar field

0-5 years of professional experience

Experience and proficiency with SolidWorks

Ability to absorb and apply constructive criticism from peers and clients

Excellent communication skills and a positive attitude

**Preferred Skills**
Bachelor’s Degree in Mechanical Engineering with a background in electrical circuits

**How to Apply**
Please e-mail resume to hr@artesianspas.com

Employee benefits include fully paid Health, Dental and Vision Insurance for employee and family, PTO, Holiday and 401(k) Plan.