MECHANICAL DESIGNER ENGINEER

Posting ID: EM190114A5

Company: May Manufacturing LLC dba Artesian Spas

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

Position Type: Full-Time

Company Website: https://artesianspas.com/

Salary:

College Major(s): Mechanical Engineering (ME)

College Level(s): Graduate Student

OVERVIEW

Artesian Spas (May Manufacturing, LLC.) is an award winning American manufacturer of custom, luxury hydrotherapy spas, exercise pools, and whirlpool baths is seeking an innovative and result-oriented individual to join our Engineering team in Las Vegas, Nevada as a Mechanical Engineer. This position will report to the Senior Project Engineer and 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.
Technical skills will include 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.

Candidate must have at least an Associate’s Degree in Engineering or a similar field, have 0-5 years of experience and SolidWorks proficiency.

Preferred Skills
Bachelor’s Degree in Mechanical Engineering with a background in electrical circuits is preferred.

How to Apply
Send resume to: hr@artesianspas.com