QUALITY INDUSTRIAL ENGINEER

Posting ID: EM2002741E

Company Website: https://artesianspas.com/

Company: May Manufacturing LLC dba Artesian Spas

Work Location: Las Vegas

Position Type: Full-Time

Salary: $45,000/year

College Major(s): Mechanical Engineering (ME)

College Level(s): Undergraduate-Senior, Alumni

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 Quality/Industrial Engineer. This position will report to the Product Engineering Manager and will focus on manufacturing processes by streamlining existing production processes, creating and testing new machines and systems, implementing new product ideas into production, writing detailed process procedures, and developing comprehensive process checklists.

Roles and Responsibilities

Design of efficient processes and procedures including oversight of project planning, plant productivity and quality control. Researches and evaluates products, parts, or processes for cost efficiency and reliability.

Evaluate the long-term consequences when planning projects and making investments. Design equipment to coordinate production planning to minimize production issues and costs while ensuring products meet quality standards.

Work with the Quality Department to ensure the overall quality of a manufactured product and is tasked with creating documentation (standards), devising quality tests and defining the criteria a test result should meet. Plays a key role in fixing issues when they arise.

Perform maintenance and calibration on manufacturing equipment.

Assist the Engineering Department with research and development of products utilizing principles of physics, mathematics, and mechanical, electrical, thermal, and hydraulic engineering to design products such as controls, pumping systems, piping, and structural systems/hardware.

Create models and prototypes using 3D modeling software (CAD) and prepare creative designs or related drawings or details. Transforms complex rough ideas/designs into working documents.

Education and Qualifications

Requires a Bachelor’s Degree in Engineering with 2-5 years of relevant experience and SolidWorks proficiency.
Preferred Skills
Knowledge of production processes, costs, quality control, raw materials and other methods for maximizing the efficient manufacture of goods.
Ability to design and understand technical plans, drawings, and models.
Technical writing (procedures, standards, check-lists, etc.).
Understand various system interactions and how changes in production processes and other conditions will affect outcomes.
CAD software (SolidWorks) and Microsoft Office.
Team worker who is able to adapt in dynamic and changing situations.
A certain degree of creativity and latitude is required.

How to Apply
Send resume and cover letter to hr@artesianpas.com