

Requisition: SYM HR 19-002
Posting Date: January 1, 2019
Location: Raleigh

Title: **Associate Project Engineer**

Description:

We are a small growing engineering company headquartered in Raleigh, North Carolina with a satellite office in Columbia, South Carolina seeking candidates for Associate Project Engineer positions to help our team design and build highly engineered special machines that do complicated tasks mostly for R&D labs and precision manufacturing groups within the aircraft engine, wind turbine, locomotive, automotive powertrain and other industries.

Responsibilities:

- Part of your time will be spent in the office performing calculations and creating drawings using solid modeling tools working with the engineering and design team to ultimately generate complete packages of detail drawings, bills of materials and build instructions that are sufficient for the procurement and fabrication of machine systems.
- Part of your time will be spent in the shop or out in the field assisting engineering and build teams in the assembly, integration and validation of machines you help design.
- Work in close cooperation with end customers, technology partners, machine shops, vendors and other team members.
- Learn to work with every element of a machine system including mechanical, hydraulic, pneumatic, electrical and control systems.
- Ensure compliance to design and quality standards.

Mandatory Qualifications:

- US Citizen
- 4 Year Degree in Engineering or Related Field
- Excellent organizational and communication skills
- Must demonstrate a high degree of mechanical aptitude and enjoy getting your hands dirty working on machines

Must be proficient in:

- SOLIDWORKS
- General Engineering Analysis

Desired Special Skills:

- Working knowledge of manufacturing and CNC machining processes
- Working knowledge of mechanical power transmission element design such as gears, shafts and bearings

Other:

There is tremendous growth potential associated with this position. After a few years, you will evolve into a Senior Project Engineer or Project Manager ultimately having “cradle to grave” responsibility for the design, development, testing, and implementation of automated manufacturing, testing and quality systems.