



## New Hire Request Form

Please send resume and detailed cover letter to [wbryant@calnetix.com](mailto:wbryant@calnetix.com) to apply.

<b>Position Title:</b>	Senior Mechanical Engineer		
<b>Reports To:</b>	VP of Engineering		
<b>Department:</b>	Engineering		
<b>FLSA Status:</b>	<input checked="" type="checkbox"/> <b>Exempt</b>	<input type="checkbox"/> <b>Non Exempt</b>	

### About Company:

The Company is technology based with sales and applications in a variety of different industries, such as: Semiconductor, Medical, Automotive, Marine, and Turbomachinery. Quickly growing, the company's customer base is divided between US and overseas. The company's subsidiaries specialize in systems that are directly marketed to end users. Strong compensation and benefits packages are offered. Company has close to 100% retention rate.

### General Purpose of Job:

This is a key senior position in the hardware team to support the development of high precision rotating machines and generators.

### Responsibilities:

- Design and fabrication of high power precision rotary machines and generators
  - Tooling design and fabrication
  - Sheet metal and plastic molded parts
  - Verification and validation
- Analysis
  - Tolerance and stack-up, dynamic, FEA, structural and thermal
- Design verification and validation
- Strong problem solving skills, commitment to results
- Ability to work independently, strong motivation skills
- Must be flexible and willing go beyond general job responsibilities
- Must demonstrate technical expertise and in depth knowledge of rotation principles
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### Skills, Experience, Education, and Abilities:

- BS Mechanical Engineering
- MS Mechanical Engineering preferred.
- Minimum 10 years industrial experience; last 5 years in rotary machine design and fabrication
- Fluent in Mechanical design tools – Solid works and Auto Cad



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- Structural and thermal analysis and modeling
- Strong background in use of Structural and thermal simulation tools
- Aerodynamics experience preferred

***The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as assigned by their supervisor. Management reserves the right to change, rescind, add or delete the duties and responsibilities of positions within this job classification at any time***