



Company: Kinematics, LLC

Location: 21410 N. 15th Lane, Suite 104, Phoenix, AZ 85027

Full time position

About Kinematics:

Kinematics is the world's largest designer and manufacturer of slew rings, slew bearings and slew drives for a host of industries, with a primary focus on the renewable power industry. KMI actuators provide motion to most of the world's solar trackers and the company is at the forefront of actuation technology in this fast-growing industry. Kinematics was founded in 1995, has 350 employees globally, is headquartered in Phoenix, AZ, with sales offices in North America, Europe and manufacturing operations in Jiangyin, China and Nogales, Mexico.

Job Title:

Manufacturing Engineer

Reporting to: VP, Product Management

Position Location: Phoenix, AZ

Job Description:

Kinematics is looking to add a manufacturing engineer with 3-5 years' experience and will be assigned to support manufacture & process quality of engineered components for the solar & industrial slew drive industry. He/she can achieve personal growth by gaining experience and knowledge as we continue to expand & increase our business. This person will develop, implement, and support manufacturing processes in the production of engineered slew drive components. The successful candidate must be located in the Phoenix, AZ area.

Job Description and Responsibilities:

- Support safe environmental and work practices
- Develop processes that are statistically capable of manufacturing products that meet all required specifications
- Create process documentation and instructions
- Specify work holding & cutting tooling, process specifics; improve process performance, component quality, and manufacturing cost.
- Willing and able to work with machine operators, supervisors and other plant personnel to solve any production issues



- Lead and/or participate in team activities for developing & maintaining manufacturing processes. Follow new manufacturing projects through prototyping, process prove-out, and production launch.
- Work with multi-discipline teams to implement corrective actions and process improvements
- Interact with cross-functional groups to work toward continuous improvement goals.
- Actively support in-process quality control initiatives; support quality/process improvement efforts.
- Support manufacturing cost-estimating activities
- May be required to interact with suppliers and customers
- Support manufacturing capital projects as needed
- Willing to travel as needed

Requirements:

BS degree in manufacturing engineering or equivalent.

Experience in CNC machining and automation

Six Sigma qualification a plus

Quality systems knowledge a plus

Poke-yoke and mistake-proofing experience a plus

- Proficient in reading engineering drawings, GD&T, and 2D/3D CAD models
- Understanding of machine work holding practices and cutting tools
- Working knowledge of gauging equipment
- Working knowledge of computer software including Microsoft Office (Excel, Word, PowerPoint)
- CNC programming experience with lathes and mills
- Practical experience with conventional machining equipment
- Strong organizational, interpersonal, and written communication skills
- Ability to work effectively, independently and within a team

Contact Kinematics:

Interested candidates should email their resume to torque@kinematicsmfg.com with the job title ("Manufacturing Engineer") in the subject line. Thank you for your interest!