



An open position: Director of Electro-Mechanical Assemblies

Location: Teaneck, NJ

Company: Octal Corporation (Industrial Manufacturing Company)

Job Responsibilities:

- Calibration of precision electromechanical motion systems:
Ensure that motion systems and clutches used in military tracked and wheeled vehicles meet precise operational standards through calibration.
- Assembly and design of angular contact bearing arrangements:
Oversee the design and assembly of bearing arrangements that are critical for the performance of military vehicle components.
- Dynamic balancing of motor assemblies using sophisticated laser-based machines:
Perform dynamic balancing of motor assemblies to ensure smooth operation, particularly in retrofitted or upgraded vehicles.
- Advanced expertise in Phase to Hall effect sensor alignment:
Align and calibrate sensors used in military vehicles' control systems to enhance their precision and reliability.
- Design of complex custom-built testing equipment for motors:
Develop specialized testing equipment tailored for the motors and drives used in military vehicles, ensuring they meet rigorous performance standards.
- Managing the motors production line:
Lead and coordinate the production line activities for motor assemblies, including management of employees, materials, equipment, production reports, production planning, and other production-related activities.
- Manage the company's technical electromechanical operations:
Oversee the technical aspects of electromechanical operations, particularly those related to the manufacturing and retrofitting of military vehicle systems.
- Develop and oversee the production process, innovations, and product quality control:
Continuously improve production processes and ensure that all products, particularly those used in military applications, meet the highest quality standards.
- Supervise the work of professional employees:
Provide leadership and guidance to engineering and production staff involved in the assembly and testing of vehicle components.

- Hire and train new employees on the new production line:
Recruit and onboard new team members, ensuring they are adequately trained to work on highly specialized military vehicle components.
- Responsible for the quality of servo motor products and production efficiency:
Ensure that servo motors, integral to military vehicle systems, are produced efficiently and meet strict quality control standards.
- Technical authority for troubleshooting, improving production efficiency, deviation requests, implementing and testing change requests, quality control decision-making, and writing production files:
Serve as the technical lead for troubleshooting issues, implementing changes, and making decisions related to production and quality control, with a focus on military specifications.

Minimum Education/Experience Requirements:

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Manufacturing Engineering, or the equivalent;
plus 4 years of experience as Mechanical Engineer, Production Engineer, Engineering Manager, or similar roles relating to the manufacture of electromechanical systems
OR
6 years of experience as Mechanical Engineer, Production Engineer, Engineering Manager, or similar roles relating to the manufacture of electromechanical systems.

Salary: \$124,030/year

Schedule: Full-time, 40 hours per week

Equal Opportunity Employer

Application Instructions:

Mail resume to Yuval Makover at:

Octal Corporation

125 Galway Place Ste B

Teaneck, NJ 07666

(Employer's Job Location)