ELECTRIC MACHINERY COMPANY, INC.  
www.electricmachinery.com

POSITION: Manufacturing Engineering Manager  
DEPARTMENT: Manufacturing Engineering

Electric Machinery was founded in 1891. For over 100 years, Electric Machinery has earned its reputation for designing, manufacturing, and servicing large, custom-engineered electrical motors and generators for the U.S. and worldwide markets. Electric Machinery services oil and gas refinery, chemical, utility, general industrial, pulp and paper, and municipal markets. Electric Machinery products include:

- Synchronous motors
- Induction motors
- Synchronous generators
- Turbo generators
- Magnetic drives
- Brushless excitation system

PRIMARY OBJECTIVE OF THE POSITION:  
The Manufacturing Engineering Manager is responsible for managing the Manufacturing Engineering department and leading the company toward industry best-practices for world-class manufacturing environments. The Manufacturing Engineering department is responsible for defining, evaluating, and improving manufacturing methods and processes to optimize safety, quality, and efficiency.

MAJOR AREAS OF ACCOUNTABILITY:
1. Provides daily leadership, management, and guidance to staff.
2. Fosters a culture of continuous improvement and excellence.
3. Oversees the CNC programming functions for automated equipment ensuring maximum utilization of resources.
4. Leads efforts to develop new or more economical manufacturing technologies.
5. Manages identification and implementation of methods and practices to achieve operational improvements in efficiency, quality, delivery, and operating profits.
6. Provides technical information and recommendations concerning manufacturing techniques, materials, and process advantages and limitations which affect long range plant and engineering planning.
7. Analyzes workforce space requirements, workflow, equipment layout, and workspace for maximum efficiency.
8. Maintains the 1-year, 3-year and 5-year capital investment plan. Develops payback calculations and justification for investment program.
9. Manages determination of feasibility of purchasing new plant equipment or modifying existing equipment or facilities considering costs, available space, time limitations, company planning, and other technical and economic factors.
10. Manages preparation of capital expense request with justifications for purchase of capital equipment.
11. Manages multiple, parallel projects using proven project management techniques.

KNOWLEDGE, SKILLS, AND ABILITIES:
1. Bachelor’s degree (BS in Engineering, preferable Mechanical Engineering or Manufacturing Engineering) from a four-year college or university and 10 years related experience in manufacturing engineering required
2. Ability to efficiently and effectively manage completion of assignments through appropriate personnel
3. Demonstrated knowledge of fabrication, machining, and assembly processes
5. Excellent written and verbal communication skills including active listening
6. Demonstrated ability to propose, plan, and implement creative solutions in a team environment.
7. Familiarity with CAD and CNC Programming
8. Proficiency in MS Office Suite, internet and e-mail
9. Experience establishing Center Of Excellence preferred