



NEPTUNE

MECHANICAL ENGINEER – PROJECT ENGINEER

Position Summary

The Project Engineer is responsible for the design, development, implementation, and testing of new products, or enhancements to existing products, working within cross-functional development teams. The successful candidate will have a BS in Mechanical Engineering with 3 to 5 years of relevant work experience in a Manufacturing environment. Part design experience using a variety of manufacturing processes, including plastic injection molding, casting, stampings, and machining is desired. Experience designing packaging for electronics assemblies is a plus. Strong interpersonal and communication skills are necessary. Candidates with Project Management skills and experience leading cross-functional product development teams will be given preference.

Objectives

- Participate in product design studies, evaluating options with respect to functional specifications, cost, and schedule requirements. Perform and submit to design audits and reviews to ensure integrity of the product design and conformance to professional and departmental standards.
- Work with engineering peers and direct support personnel as needed for project design, generation of drawings, documentation, prototypes, models, and design validation testing.
- Work with Marketing and Management to define project specifications, schedule, budget for projects. Assess resource requirements and establish justification for projects.
- Work with Manufacturing throughout the development process to successfully implement product designs smoothly into production.
- Maintain expertise in current and emerging metering and communications technologies and apply them to new products. Consult within the Neptune engineering community. Develop new ideas and inventions for use in products, protecting Neptune Technology Group intellectual property through disclosures and patent applications.
- Aid in formulating departmental standards, process and test specifications for use in the Engineering Department. Participate on company and industry standard committees as required. Advise and assist Manufacturing, Purchasing, and Sales to ensure timely development of tooling, production techniques, manuals, and literature for product introduction. Provide technical support to Sales, Marketing, and Customers for assigned products.

Requirements

Education: Bachelor of Science Degree in Mechanical Engineering

Experience: Minimum 3 years engineering design experience in a Manufacturing environment

Special Training: 3D CAD (Pro|Engineer preferred)
Candidates with Project Management experience and presentation skills will be given preference.

Equal Opportunity Employer M/F/D/V