



Job Description – Senior Project Engineer

Purpose & Scope

The purpose of this position is to provide senior-level technical leadership to a project team in the implementation of production capacity, in the form of tooling, processes, and systems, to support customer demand for new products or product line extensions (NPI) of substantial scope and/or technical challenge. Position will also be responsible for contributing to Business Development efforts, with these contributions in the form of customer meetings, development of technical solutions, supplier selection and quoting. Position is also expected to provide input and leadership to company's R&D efforts. This is a salaried exempt position.

Characteristics

- Ability to work well with others, valuing differences, in support of company goals
- Well organized, with the ability to multi-task and manage different projects simultaneously
- Assertive, self-confident and self-starting

Duties and Responsibilities

- Safety is everyone's responsibility
- Technical leadership of Product Design and Development and/or New Product Introduction (NPI) process for new business awarded
 - Develop and maintain project timeline and budget
 - Product Design (if applicable): Develop and maintain design documents
 - Capital - manage new capital as needed (tooling, equipment, automation, etc.)
 - Qualification – develop a plan, implement the plan, report on the results, make recommendations
 - Production hand-off – formal release to production (all documentation updated)
- Product design input/ownership, including Design for Manufacturability (DFM) feedback, of both customer and Dymotek products
- Technical leadership of and within other project teams, including R&D efforts
- Support new business opportunities
 - Work closely with and educate existing, new and potential customers to identify and implement highest value product design and manufacturing solutions
 - Develop technical approach, supplier strategy, and costing
- Continuous Improvement – Identify, drive, and support improvements in all areas
- Mentoring of other technical staff in engineering methods and manufacturing technologies
- Regular, on-time attendance at work is an essential function of every job at Dymotek
- Additional duties as assigned

Organizational Relationships

Reports to Program Engineering Manager

Working Conditions

Normal manufacturing conditions requiring safety observation at all times

Education & Training

Bachelor's degree in Engineering or related field of study from an accredited college or a minimum of 10 years in an engineering work-related equivalent. Minimum 5 years engineering plus a minimum of 3 years of technical project management experience. Must have strong communication and interpersonal skills as well as be able to develop strong relationships with both internal and external customers.

Technical Knowledge Skills & Experience

- Proficient use of Microsoft Office products including: Excel, Word, PowerPoint, and Outlook at a minimum
- Experience in product design and design for manufacture
- Extensive knowledge of injection molding in a custom manufacturing environment; both thermoplastic and LSR experience strongly preferred
- Familiarity with all elements of mold tooling, including cavity and core design, ejection, gating, etc.
- Working knowledge of solid modeling software, preferably SolidWorks
- Understanding of mold fill analysis methods; analysis proficiency preferred
- Working knowledge of dimensioning and feature definition (GDT) methods and associated population statistics
- Experience in managing multiple projects of substantial technical complexity, including automation and robotics, delivering on-time and within budget
- Experience in developing technical solutions for new products and the associated product, capital and NRE cost estimating
- Strong knowledge of the industries we are serving as well as our competitors.
- Good communication and interpersonal skills, comfortable working in a team environment
- Strong analytical and problem solving skills

Managerial Skills & Experience

- Ability to manage and mentor, in a matrixed environment, those resources assigned to project teams

Special Requirements (Physical, etc)

- Must be able to work additional hours if necessary to complete critical goals
- Travel is required as needed to support new projects

Quality Management System Requirements

- All employees are responsible for knowing the Quality Policy Statement, how their job supports the statement and quality objectives.
- All employees are responsible for product identification.
- Refer to 'Document/Job Function Matrix' (a cross reference of all ISO documents with job titles) for specific documents related to their job positions.

This job description has been approved by all levels of management:

Manager or Supervisor _____

Human Resources _____

Employee signature below constitutes employee's understanding of the requirements, essential functions and duties of the position.

Employee Signature _____

Date _____

Employee Name (please print) _____