

# MANUFACTURING PROJECT ENGINEER

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This position will perform detailed review, analysis, and recommendations for improvement of new products and added capacity projects prior to and during all phases of the project. The position will be responsible for detailed tracking, review, analysis, problem solving and improvement of new products and added capacity projects from a manufacturing perspective. The primary objective of the position is to ensure manufacturability of product designs by the most capable InVue supplier partners.

Additionally, this position will also manage projects that are defined by InVue and outsourced for design to InVue supplier partners.

## **RESPONSIBILITIES:**

- In support of project engineering, manage and drive manufacturing/tooling phases of projects to achieve successful timing, quality, and function.
- Take a leadership role during tooling and manufacturing process development to ensure that manufacturing consistency can be / is achieved.
- Detailed project engineering review for cost, manufacturability, reliability, improvement, real world application, and generate recommendations for correction & improvement during design and prior to tooling kick-off.
- Participate in design reviews and DFMEA to ensure that products are designed for the most suitable manufacturing processes of our suppliers to meet the requirements defined for the product.
- Prepare and send RFQ packages to China vendors and answer technical questions.
- Work in close cooperation with project engineers to review and test tooled samples in detail to recommend necessary changes in minimum amount of tooling iterations.
- Detailed reviews of tooling drawings, project samples, assemblies, and specifications for dimensional accuracy, reliability, manufacturability, project intent, and generate recommendations for correction and improvements.
- Project lead for projects outsourced to China suppliers for design and assembly.
- Overseas travel to China approximately once per quarter (up to 2 weeks) is required.
- Other duties as required by management

## **EDUCATION AND EXPERIENCE:**

- BS in mechanical engineering required
- 3-5 years of plastics tooling and plastics injection molding experience required
- 2-3 years of project management experience
- 3 years of experience interfacing with overseas OEM and ODM suppliers
- Good proficiency with using Solidworks 2009 required
- Good understanding of new product development tollgate process.
- Experience using Microsoft project to manage schedules
- Working knowledge of PDM or PLM systems
- Experience with MRP systems, preferably AS400
- Must speak and read Mandarin Chinese fluently
- Strong work ethic to do what it takes to get the job done
- Highly organized and detail-oriented
- Ability to work collaboratively with multi-functional project teams
- Thrives in a fast paced environment
- Ability to work multiple projects simultaneously
- Exercise good time & project management
- Strong internal drive, self-motivation
- Hands-on