



Techtronic Group Company

JOB DESCRIPTION

Position: Senior Project Engineer (Project Leader)

Reports To: Assistant Engineering Manager /Supervisor

Position Summary

Working independently with general direction from the Assistant Engineering Manager, the Senior Project Engineer's primary duty is to lead a team of project engineer and other cross functional team members in new product development and existing product improvement.

Key Responsibilities

1. Supervise engineers to follow up product development from initial design stage to mass production release.
2. Facilitate project flow including regular contact with other functional team members.
3. Keep track project schedule and ensure the adherence to milestones; keep Assistant Engineering Manager informed on project issues.
4. Ensure that the total material cost can meet target.
5. Review benchmark and prototype test data, identify the pros and cons of competitor's tools.
6. Develop new construction and or new feature per the input from Marketing and or Advanced Engineering.
7. Prepare the FMEA report based on the quality history, field return report and prototype test data etc.
8. Interact with ID to make sure engineering, manufacturing and safety concerns are cleared.
9. Present all the design documents, i.e. Feasibility study report, CAD drawing, FMEA, FEA, Product Specification, etc for design review.
10. Interact with suppliers to develop part/product specifications that meet

performance requirements while also falling within manufacturing process capability.

11. Review the engineering documents include CAD drawing, BOM, ECO, SER, etc.
 12. Lead failure analysis within the team and determine the solutions.
 13. Monitor the performance of project engineer and provide assistants as necessary.
 14. Monitor to prepare and update product file.
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Person Specifications

1. University Degree in Mechanical, Industrial, Production or other related Engineering discipline or equivalent.
 2. Minimum 5 years relevant experience in project follow up in the engineering industry. Working in power tools field is an advantage.
 3. Experience in Plastic Molding & Metal operations.
 4. Experience in Gearbox system & Motor structure is an advantage.
 5. Good computer experience with Windows, Microsoft Office, email communication, 2D and 3D CAD.
 6. Familiar with UG or Pro-E.
 7. Familiar with application for safety approval such as UL, CSA, CE, BS, SAA.
 8. Good level of written English, with CET-4 or above is an advantage.
 9. Good communication, listening and interpersonal skills
 10. Able to work pro-actively and effectively, self-starter and hardworking.
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Leadership Competencies (LC) required:

Business Knowledge

Innovation and change

Promote teamwork

Take initiative

Communication

Cooperation

Sense of responsibility

Management skill

Negotiation

Functional Competencies (FC) required:

Power Tools knowledge

Product design

CAD knowledge

Safety approval knowledge

Technical problem solving skills

Project management technique

Project planning and scheduling

Position Factors

Reporting relationship:

Report to Assistant Engineering manager or Engineering Supervisor

Supervises:

Manage 2 ~ 4 engineers in the project development.

Impact of the position:

1. Proactivet and ability of this position determine project smoothness.
 2. Follow the schedule and assist engineers to develop project smoothly.
 3. Negotiating a reliable and reasonable specification with customer.
 4. Design a good product with high performance and reliability according to the specification.
 5. Design a product to be easy for manufacturability
 6. Design a product with lower manufacturing cost and material cost.
 7. Develop a product on time to meet the delivery schedule and customer satisfaction.
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Relationship

Internal

Active interaction with other functional team members within the company to address new product development issues.

External

1. Active interaction with suppliers to ensure component specification and application are thoroughly understood,.
2. Communicate with MKT and overseas engineer via E-mail for project development issues.

Vui lòng gửi CV cho Mr.Độ: ducdo.nguyen@ttigroup.com.vn

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