



Job Title: Project Engineer

Position Summary

The Project Engineer serves as the technical lead throughout the customer product lifecycle—from pre-award engineering support through successful production launch. This position partners with customers, sales, manufacturing, quality, tooling, and operations to ensure new products are manufacturable, cost-effective, and successfully introduced into production. The Project Engineer leads APQP activities, provides technical expertise, manages engineering changes, and drives projects to completion while supporting Wolverine Coil Spring's commitment to quality, customer satisfaction, and continuous improvement.

Key Responsibilities

Customer & Technical Support

- Serve as the primary technical liaison between Wolverine Coil Spring and customers.
- Collaborate with customer engineering, purchasing, and quality teams to improve manufacturability, fit/function, assembly methods, and engineering specifications.
- Review customer drawings, GD&T requirements, specifications, and technical documentation.
- Visit customer facilities when necessary to strengthen relationships and gain application knowledge.
- Provide technical design assistance and engineering recommendations throughout project development.
- Resolve engineering-related issues while maintaining strong customer communication.

Quotation & Manufacturing Engineering

- Review RFQ packages to identify manufacturing risks and engineering concerns.
- Evaluate force, torque, stress analysis, dimensional requirements, tolerances, and customer specifications.
- Convert customer CAD models into manufacturing prints and supporting documentation.
- Define manufacturing processes used for cost estimating, including:
 - Equipment selection
 - Tooling concepts
 - Cycle times
 - Process parameters
- Collaborate with Tool Engineering and Technical Leaders during quotation development.

New Product Launch & Project Management

- Lead Advanced Product Quality Planning (APQP) activities.
- Coordinate cross-functional launch meetings and project milestones.
- Lead PPAP kickoff meetings and support prototype development.
- Champion new products from quotation through successful production launch.
- Verify issue resolution following receipt of customer purchase orders.
- Coordinate customer communication throughout project execution.
- Manage multiple engineering projects simultaneously while maintaining timelines and deliverables.

Tooling & Process Development

- Manage new tooling, tooling modifications, prototype tooling, and engineering changes.
- Support Tool Makers and Production personnel during process development.
- Coordinate tooling progress updates with customers and internal stakeholders.
- Ensure process changes are properly evaluated, communicated, and implemented.
- Build Engineering Master and Part Maintenance structures within the ERP system.

Quality & Continuous Improvement

- Support Advanced Quality by sharing technical information for prototype and development parts.
- Lead risk analysis and preventative action activities.
- Oversee gage design, validation, calibration requirements, and Gage R&R studies.
- Support Keyence vision system programming and measurement system development.
- Develop gage work instructions and calibration procedures.
- Ensure compliance with customer requirements and internal quality standards.
- Participate in continuous improvement initiatives that improve safety, quality, delivery, and cost.

Qualifications

Education

- Bachelor's degree in Engineering or related technical field preferred.

Experience

- Experience in manufacturing engineering, project engineering, or product launch within a manufacturing environment.
- Experience supporting APQP and PPAP processes.
- Experience working with ERP systems and manufacturing software.

Technical Knowledge

- Strong understanding of manufacturing processes, tooling, machinery, and production methods.
- Knowledge of GD&T and engineering drawing interpretation.

- Proficient in 3D modeling, drawing CAD models, engineering specifications, and customer requirements.
- Familiarity with inspection methods, gaging systems, and measurement equipment.
- Experience supporting cost estimating and manufacturing process development.

Skills & Competencies

Physical & Work Environment

- Primarily office-based with regular interaction on the manufacturing floor.
 - Occasional travel to customer locations as required.
 - Must be able to safely access all production areas while wearing required PPE.
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Key Competencies

Technical Expertise: Applies strong engineering principles, manufacturing knowledge, and GD&T expertise to develop practical, cost-effective solutions that meet customer and production requirements.

Project Management: Effectively plans, prioritizes, and manages multiple projects simultaneously while driving successful product launches and meeting critical milestones.

Customer Focus: Builds trusted partnerships with customers by providing responsive technical support, clear communication, and innovative engineering solutions.

Cross-Functional Collaboration: Works effectively with Engineering, Operations, Quality, Tooling, Sales, and Production to achieve shared business objectives.

Problem Solving: Identifies technical challenges, analyzes root causes, and develops practical solutions that minimize risk and support successful project execution.

Analytical Thinking: Evaluates engineering data, manufacturing processes, cost drivers, and customer requirements to support sound business and technical decisions.

Communication: Clearly communicates technical information to customers and internal stakeholders while facilitating productive discussions across departments.

Organization & Attention to Detail: Maintains accuracy across engineering documentation, project timelines, ERP data, drawings, and product launch activities.

Leadership & Influence: Leads cross-functional project teams, facilitates APQP activities, and drives accountability without direct supervisory authority.

Continuous Improvement: Continuously seeks opportunities to improve engineering processes, product quality, manufacturing efficiency, and customer satisfaction.