

Product Engineer with craftsman CI profile

Mid-Level Product Engineer – Join Our Employee-Owned Craftsman Culture!

At Alloy Engineering, we take pride in being an employee-owned company dedicated to designing and manufacturing heat and corrosion-resistant metal products. Our craftsman culture promotes creativity, innovation, and a deep sense of ownership among our team members, ensuring excellence in everything we do.

Summary: As a Product Engineer, you will leverage technology to transform customer specifications into precise manufacturing drawings. Your role will involve improving existing product designs, overseeing production and shipping, and providing expert support to our sales team. This mid-level opportunity allows you to thrive in a collaborative environment where your craftsmanship and technical skills will be highly valued.

Reports to: Engineering Manager

Supervisory Responsibilities: None

What You'll Do:

- **Design & Drawing Creation:** Utilize CAD modeling to convert initial rough designs into detailed production drawings.
- **Sales Support:** Review RFQ opportunities, support sales with technical expertise, and provide accurate quotes.
- **Customer Interaction:** Communicate technical information and design changes with customers, ensuring their specifications are met.
- **Vendor Collaboration:** Work closely with vendors to explore options and deliver optimal solutions for customers.
- **Project Management:** Provide engineering oversight during fabrication, addressing any questions or issues that arise.
- **Site Visits:** Occasionally travel to customer sites to offer sales support and technical expertise.
- **Mentorship:** Develop and mentor the engineering and support team, ensuring continuity of technical knowledge.
- **Standardization:** Establish standards and best practices within the engineering department.

What We're Looking For:

- **Educational Background:** BS in Engineering or equivalent experience.
- **Technical Knowledge:** Proficiency in manufacturing materials and practices; welding knowledge is preferred.
- **Engineering Skills:** Ability to interpret engineering drawings and use 3D modeling software (SolidWorks preferred).

- **Analytical Abilities:** Strong drawing math skills and problem-solving tools to analyze complex issues.
- **Communication Skills:** Excellent verbal and written communication abilities.
- **Organizational Skills:** Strong attention to detail and ability to multitask effectively.
- **Physical Requirements:** Ability to sit, stand, and climb stairs daily; lift at least 50 pounds infrequently.

Core Values:

- **Integrity:** Do Right Always!
- **Customer Focus:** Customer-Centric Teamwork
- **Efficiency:** Get it Done! Well and Timely
- **Work Environment:** Drama-Free
- **Growth:** Be Smart, Grow and Learn, Stay Smart

Why Join Us?

- Be part of an employee-owned company that values your contributions and craftsmanship.
- Collaborate with a team dedicated to innovation and excellence.
- Enjoy a supportive work environment where your growth and development are prioritized.