

Design Engineer

Cunova Service USA is seeking a talented, innovative, and detail-oriented Design Engineer to join our engineering team. This full-time position is responsible for developing and improving product designs, creating detailed engineering drawings, maintaining technical documentation, and supporting continuous improvement initiatives. The ideal candidate will possess a strong foundation in mechanical engineering principles and have the technical expertise to develop efficient design solutions that meet customer requirements and industry standards.

Job Overview

- **Position:** Design Engineer
- **Location:** Titusville & Pleasantville, PA
- **Job Type:** Full-Time
- **Pay:** Competitive; depending on experience

Key Responsibilities

- **Mechanical Design & Development:** Design new components, molds, segments, and related tooling as directed by the VP of Engineering.
- **Engineering Drawings:** Create, revise, and maintain detailed engineering drawings and specifications using AutoCAD or MicroStation.
- **CAD Modeling:** Develop and support engineering designs utilizing SolidWorks, Inventor, or similar CAD software.
- **Continuous Improvement:** Identify opportunities to improve product designs, manufacturing processes, molds, and tooling systems through innovative engineering solutions.
- **Bill of Materials Management:** Create and maintain Bills of Materials (BOMs) and engineering documentation using Microsoft Excel.
- **Database Administration:** Maintain engineering drawing databases and related records to ensure accurate and organized documentation.
- **Customer & Vendor Support:** Participate in off-site meetings with customers, vendors, and project stakeholders to support engineering and business objectives.
- **Technical Problem Solving:** Troubleshoot product issues, customer concerns, and engineering challenges while developing effective corrective actions.

Qualifications & Requirements

- **Education:** Associate Degree in Mechanical Engineering is required. Bachelor's Degree in Mechanical Engineering or a related field is preferred.
- **CAD Experience:** Proficiency with AutoCAD or MicroStation is required.
- **3D Modeling Software:** Experience with SolidWorks, Inventor, or similar 3D CAD software is preferred.
- **Engineering Knowledge:** Strong understanding of mechanical engineering principles, design practices, and manufacturing processes.
- **Microsoft Office Skills:** Proficiency in Microsoft Excel is required. Experience with database management software such as Microsoft Access is preferred.
- **Problem Solving:** Strong analytical and troubleshooting skills with the ability to develop practical engineering solutions.
- **Communication:** Excellent verbal and written communication skills with the ability to collaborate effectively with customers, vendors, production personnel, and management.
- **Organization & Detail Orientation:** Ability to manage multiple projects, maintain accurate documentation, and meet project deadlines.
- **Travel & Customer Interaction:** Ability to travel to customer and vendor locations for meetings, troubleshooting, and project support as needed.

Benefits

- Health, dental, and vision insurance
- 401(k) with company matching
- Quarterly Profit-Sharing Bonus
- Paid time off (PTO)
- Paid holidays

If you are an innovative engineer who enjoys designing solutions, solving technical challenges, and contributing to the development of high-quality products, we encourage you to apply and become part of the Cunova Service USA team.