



Power Systems Engineer

About Diamond C:

Founded in 1985 by Kim and Mike Crabb, Diamond C has grown from a small, local manufacturer to an 800+ team members strong company. Today, Diamond C is still a family-owned and operated company in Mt. Pleasant, TX; Diamond C strives to produce innovative, feature-rich custom trailers while promoting the well-being and success of its team members, customers, and community abroad.

Overview

At Diamond C, we aim to fuel the growth and success of our team members, customers, and community abroad. We're committed to more process improvements, sustainable manufacturing, and opportunities for our team. We seek an experienced Power Systems Engineer to join our product design and development team. The successful candidate will design and develop our trailers' hydraulic power systems and electrical systems, and pneumatics. The ideal candidate will have at least 10 years of experience in hydraulics, power systems design, electrical systems and harnesses, and pneumatics, a strong preference, and solid knowledge of automotive applications. The role will build effective relationships with leaders across the Operations, Engineering, Quality, and Procurement functions and have a strong focus on our foundational "Do Work, Love Strong" culture.

This position is located in Mt. Pleasant, Tx.

Responsibilities:

- As a key element in our products' continuous improvement, innovation, and overall customer experience, design and develop our hydraulic power systems, pneumatics, and electrical systems in collaboration with engineering, procurement, quality, and production teams.
- Collaborate with other engineers and cross-functional teams to ensure the integration of hydraulic and electrical systems.
- Develop and maintain design standards and procedures for hydraulic power systems and electrical harnesses.
- Conduct analysis, testing, and evaluation of hydraulic power systems and electrical harnesses to ensure compliance with technical specifications and safety standards.
- Identify and troubleshoot hydraulic and electrical system issues and provide solutions to ensure product reliability.
- Work to ensure timely and cost-effective sourcing of components and materials.
- Collaborate with quality and production teams to ensure compliance with quality standards and efficient production processes.
- Maintain accurate records of designs, tests, and analysis results.
- Collaborate with any other project necessary to aim for the company to grow.

Qualifications:

- Detail-oriented individual who will prioritize and advocate for data accuracy.
- Bachelor's degree in Mechanical Engineering or related field or correlated 10 years experience in the subject.
- Minimum of 5 years of hands-on experience and design in hydraulics, power systems, pneumatics, and electrical system with a preference for experience in vehicle applications.



- Solid knowledge of electrical systems and harnesses in automotive applications.
- Experience with CAD software, such as SolidWorks, AutoCAD, or similar.
- Familiarity with technical standards and regulations related to hydraulic power systems and electrical harnesses.
- Strong analytical, problem-solving, and communication skills.
- Ability to work effectively in a team environment and manage multiple tasks simultaneously.
- Willingness to travel occasionally to support product development and testing.
- Fluency in English and desirable Spanish knowledge.

We encourage and welcome applicants with any and all backgrounds, experiences, abilities, and competencies. All hiring, promotion, discipline, and discharge decisions are based on qualifications, merit, and business needs. We are an equal-opportunity employer.