

Position: **Hydraulic Designer**

Reports to: Manager, Sustaining Engineering

Location: Winnipeg, MB

Company:

Founded in 1935, Monarch Industries has established itself as a leader in the OEM market. The Monarch name is synonymous with premium quality, technical support, highly engineered product, top notch delivery performance and cost competitiveness. As a privately owned, vertically integrated manufacturer of hydraulic cylinders and custom iron castings, Monarch is ideally suited as a “one-stop-shop” for OEM’s. Our products are marketed globally to the Ag, Construction and Industrial markets through the Original Equipment Manufacturers and Hydraulic Distributors we serve.

Position Summary:

The Hydraulic Designer designs hydraulic cylinders to meet customer requirements for performance, quality and delivery while ensuring Monarch engineering standards for safety, quality and manufacturability. The Designer collaborates with others to solve customer concerns and internal issues as they arise.

Essential Responsibilities and Duties:

- Design hydraulic cylinders using applied engineering principles, design data ensuring quality and manufacturability requirements.
- Provide engineering support to Production, Purchasing, Production Planning with information and documentation required to produce current products.
- Verify and validate products and designs by developing test plans, implementing and tracking results. Through analysis, determine and optimize design as appropriate.
- Identify and recommend improvements to designs, and take appropriate actions to implement.
- Collaborate with other departments such as Sales, Product Management and Production to meet Monarch’s goals for quality, customer service, safety and cost.
- Research new solutions, components and methods, recommending and implementing where appropriate.
- Interact with customers to develop solutions and provide technical support where needed.
- Conduct all activities and execute all duties with enthusiasm and a positive, results- focused attitude.
- Support company initiatives and policies enthusiastically.
- Other duties as assigned.

Education Required:

- An ideal candidate will possess a diploma in Mechanical Engineering Technology (MET)/ Mechanical design or equivalent, combined with applicable experience.
- Training or education in hydraulic systems and fluid power systems is an asset.
- Welding engineering certification from CWB is an asset.

Experience Required:

- At least 1 year and ideally 3 years of experience in designing mechanical components and equipment for mobile equipment, such as agricultural, mining and or construction equipment is required.
- Experience in designing for manufacturability.
- Experience in designing hydraulic cylinders and related components for efficient manufacturing is preferred.

Skills and Attributes Required:

- Highly motivated, self-starter, capable multi-tasker with demonstrated ability to adhere to tight schedules with minimal supervision.
- Outstanding problem solving skills.
- Dedicated to becoming increasingly knowledgeable on technical aspects of components, products and their applications.
- Developed and evident communication skills, including verbal, written and presentation.
- Proven ability to quickly understand customer requirements, formulates potential solutions, evaluate and decide on the most effective solution.
- Thorough knowledge of manufacturing processes.
- Proficient with solid modeling applications, ideally Solidworks operating in PDM environment.
- Knowledge of GD & T
- Proficient with MS Word, Excel, PowerPoint and other common applications.
- Exposure to activity scheduling, project management and ERP usage is an asset.

Please send resume to hr@monarchindustries.com.

Monarch Industries Limited is an Equal Opportunity Employer

