

Lynch Fluid Controls Inc. is a manufacturer of high quality fluid power components located in Mississauga, Ontario. We were established in 1987 and have been gaining recognition in many countries as a source of fluid power products.

From our home in Mississauga, we design, manufacture and export hydraulic manifolds, valve systems, electronics and a growing selection of products that have been created by our first class team. Our exclusive distribution arrangement with Sun Hydraulics has been the backbone in our manifold manufacturing division. We have been able to take cartridge valve integration to a new level, and are now suppliers to many well recognized fluid power establishments and OEM's. We now routinely design manifolds for the world market that interface with many manufacturers, fluids, materials and applications.

We are growing and currently looking for a **Hydraulic Research and Development Designer/Engineer** to join our dynamic team. If you are a positive and driven individual with a passion for quality and a desire to make a positive impact to the success of our company, then we want to hear from you!

#### **JOB SUMMARY:**

Dealing with an international clientele base Lynch Fluid Controls Inc. is seeking an individual to work in a fast-paced environment that can handle multiple projects developing new products for the fluid power market.

#### **RESPONSIBILITIES:**

- Lead and develop new products to market as defined by the marketing team.
- Project management, cost models and business case preparation.
- Project cost budgeting for product development marketing analysis.
- Assist and provide guidance to Lynch Research and Development Test Facility with product testing for fatigue, endurance and functional limits.
- Assist local as well as international customers and provide technical fluid power advice and/or training when needed.
- Provide in depth fluid power technical assistance to customers.
- Produce detailed 3D drawings to 100% accuracy for manufacturing in a CNC environment.
- Implement logical hydraulic manifold layouts for manufacturing.
- Working on other duties as assigned- includes special projects.
- Respect and adhere to all aspects of company Health and Safety by-laws.
- Respect confidentiality and intellectual property as per company by-laws.

#### **ACADEMIC/EDUCATIONAL REQUIREMENTS:**

- College Diploma/ University Degree in Mechanical Engineering or Mechatronics or related field
- Graduate engineer working towards or with P. Eng. Certification preferred.

## **REQUIRED SKILLS/EXPERIENCE:**

- Competent in Fluid Power with minimum 5 years' field/work experience.
- Able to integrate new electronic concepts with smart hydraulics to interface with the IoT.
- Working Knowledge of CFD and FEA analysis tools.
- Understand and develop new software for electronic controllers utilizing CAN interface J1939.
- Able to apply and use GD&T, DFMA and PFMA
- Working knowledge of 3D modeling and 2D drafting.
- Knowledge of SolidWorks, AutoCAD and Autodesk INVENTOR is preferred.
- Leadership, listening, analytical, critical thinking and problem solving skills.
- Fluent in English with strong presentation and communication skills.
- Ability to manage and work with multiple projects at the same time.
- Self-starter with little or no supervision.
- Ability to work in a team environment.
- Computer proficiency- knowledge of MS Office (Outlook, Excel, PowerPoint, Word).
- Bilingual French/English is an asset.
- Knowledge of CNC programming- Feature CAM and Master CAM is an asset.
- Experience with SAP BAiO and/or SAP Version 4.6C or later is an asset.

## **WORKING CONDITIONS:**

- Must be able to wear safety eyewear and footwear in the production and warehouse areas.
- Bright, clean, air conditioned, modern concept office and production environment.
- Convenient location with quick highway access and public transit to our door
- Excellent, helpful group of co-workers
- Must be able to wear appropriate foot and eye protection when required

Must meet requirements of Canadian Controlled Goods Program (CGP)

Please send your resume to [HR@lynch.ca](mailto:HR@lynch.ca) Visit our web site [www.lynch.ca](http://www.lynch.ca) for more information about Lynch Group of Companies.

**\*\*\*\*\* PLEASE SEND YOUR RESUME IN PDF FORMAT ONLY**

*Lynch Fluid Controls is proud to be an equal opportunity workplace. Our goal is a diverse, inclusive, and barrier-free workplace. We will provide reasonable accommodation to applicants with disabilities at all stages of the hiring process in accordance with the Ontario Human Rights Code, and the Accessibility for Ontarians with Disabilities Act. If you are a person with a disability and need the job posting in an alternative format or any other accessible accommodations during the hiring process, please send your request to our Human Resources department.*