



Development Engineer – Injection Molding

Full-time |  Canada, Anjou

LAVERGNE

DATE POSTED: 1st May 2020

DEPARTMENT: Research & Development

SUPERVISOR: Leader - Research & Development

About the Lavergne

At Lavergne, we believe that there is enough plastic on earth to meet our future needs without ever creating new virgin plastic.

We are a Canadian company located in Anjou, in operation since 1986, and we have become the world leader in the production of sustainable engineering resin made from recycled plastic. Thanks to our unique know-how in polymer chemistry, our R&D experts and our ultra-modern facilities located around the world, we are able to offer specialized products and services adapted to the needs of major customers worldwide, in fields such as the automotive industry, electronics, as well as household appliances and furniture. We work in partnership with global leaders such as HP, Keurig, Dyson and others.

If you want to help protect the planet and be part of a winning team in a growing market, join us.

Overview of the Position

The development engineer role is mainly to support the R&D team to develop products and applications and ensure that molded parts meet 100% of the clients' requirements. It is also to provide injection molding technical support to our clients.

Responsibilities

PRODUCT & APPLICATION DEVELOPMENT :

- work together with R&D product development scientists to develop resin formulations by providing technical support on resin molding performance
- evaluate and define optimal injection molding conditions for new products
- recommend improvements to our products and manage assigned projects according to predetermined priorities
- prepare and conduct molding trials at clients' locations to analyze the performance of our product(s) in clients' tools
- document molding trials at clients' facilities and report the outcomes and recommendations to the R&D team
- monitor the part approval process at clients' locations and work together with R&D product development scientists to organize similar validation test in advance at Lavergne laboratory to validate product performance
- understand clients' technical requirements regarding part molding and provide the feedback to R&D product development scientists

CLIENT TECHNICAL SUPPORT :

- provide technical support to clients when new products are introduced and/or new applications are launched
- observe and analyze clients' and prospective clients' operations to determine the optimal use of our products
- respond to client service calls and discuss with clients to understand their expectations

- assist clients by providing suggestions about their molding parameters to ensure optimal results with our products, and/or propose adjustments to our products (if necessary)
- be able to monitor and analyze clients' molding process to identify and isolate deficiencies
- assist trouble shooting for clients' molding process and resin molding performance
- perform necessary follow-ups – routine follow-ups and client visits

INTERNAL TECHNICAL SUPPORT :

- monitor laboratory molding of test specimens
- assist laboratory manager to ensure that laboratory injection molding machines and molds are in good condition
- be the owner of laboratory injection molding programs, evaluate and set optimal molding programs for molding test specimens with our products
- train laboratory technicians on injection molding and evaluate their performance on injection molding
- molding trouble shooting for laboratory specimen molding
- lead projects related to injection molding machine/tool improvement (e.g. purchasing new injection molding machines, new laboratory testing mold build and validation)

Any other activities as specified by director – Research and Development

Requirements/Skills Required

- University degree in mechanical or chemical engineering specified in the field of plastics and/or plastic processing or a college degree in mechanical or chemical engineering with relevant experience in a similar field
- minimum of 3 years' experience in the field of plastic injection molding
- knowledge/experience on part design, molding flow simulation, mold design and validation, and automobile part approval process
- Be familiar with various resin
- master the operation of injection molding machine and tool inspection
- Interest in fieldwork with clients
- ability to travel up to 40% of the time – mainly in North America and Europe, occasionally in Asia
- understand the logistics of operations and the manufacturing environment
- good listener and sense of observation, and excellent mechanical sense
- Experience in client technical support
- bilingual (English, French) oral and written
- Effective Communicator
- teamwork-oriented

Salaries and Bonuses

- To be discussed according to experience

What We Offer

- Permanent, full-time employment,
- A company at the cutting edge of technology and concerned about the environment
- Group insurance (dental and medical plan)
- Opportunities for advancement
- Sick days
- Free parking
- Uniforms provided
- Work equipment provided
- Very accessible public transportation