

# MANUFACTURING

including Applied Technology, Aviation, and Aerospace

The manufacturing industry in the Township produces a **diversity of products**. Primarily located in 3 industrial areas - northwest Langley, Gloucester, and Aldergrove – companies provide a variety of services and products including cabinetry, clothing, concrete, doors and windows, electrical, equipment, fencing and railings, flooring, furniture, machinery, medical equipment, metals and steel fabrication, paper products, piping and plumbing, plastics and molds, signage, textiles, and vehicle parts – to name a few.

Commonly **recognized brand names**, with an established location in the Township, include amongst others:

- Canada Bread Company
- Canada Ticket
- Coast Spas Manufacturing
- Deere Hitachi
- General Motors of Canada
- Philips Lighting Canada
- Valley Traffic Systems
- Versaform Canada
- Viessman Canada

Through **innovation**, advances are being made in many areas of manufacturing, where precision-driven processes and products are essential to a company's bottom line. Increasingly this is referred to as "**applied or industrial technology**", which is a thriving sector in the Township. In the Township, there are a number of companies that produce industrial components and systems in areas such as circuit boards, laser scanning, aluminum, zinc & magnesium casting, buildings coating, modular buildings, passive house components, and water treatment.

Companies like Cascadia Windows, which became the first producer commercially available all-fiberglass **Passive House-certified** window and door system in the world took on a private investor in 2016, and was able to move to their new warehouse location in Gloucester, which has more than double the space from their previous facility, and expect to triple production.

Companies like Genesis Robotics, which has innovated actuators – the parts that make robots move – so that they are people-safe,

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## Useful Links

BC Alliance for Manufacturing  
[manufacturingbc.org](http://manufacturingbc.org)

BC Aviation Council  
[bcaviationcouncil.org](http://bcaviationcouncil.org)

Township of Langley's Regional Airport  
[ynj.tol.ca](http://ynj.tol.ca)

# The Township is equally home to the 2<sup>nd</sup> largest aviation concentration of rotary wing/helicopter operations in Canada.

light, durable, and less expensive than traditional actuators. This has enabled Genesis Robotics to develop an *exoskeleton* to increase mobility for injured or disabled people, to help workers lift heavy loads without risk of injury, and enables soldiers to carry heavier loads for longer durations.

While manufacturing is not projected to be a major source of employment, due to the high degree of automation, *future manufacturing jobs will be primarily high-skill jobs*. This being said, the Township is considered to have less than 60% as much manufacturing and utilities employment as Canada, which is generally an area of weakness for British Columbia. According to Statistics Canada, in 2016, there were 7,200 fixed-employment jobs classified as manufacturing employment in the Township which was an increase of 34%, as compared to 2011's census data. Today, manufacturing is being increasingly seen as *viable on a smaller scale*. Consumer demand for more specialized, unique (and sometimes higher-cost) products rather than mass-produced, low-cost commodity items is shifting the balance of manufacturing activity away from low-cost parts of the world back to highly industrialized countries.

The Township is equally home to the 2<sup>nd</sup> *largest aviation concentration of rotary wing/helicopter operations* in Canada. With a niche market in helicopter maintenance, repair & overhaul, Langley Regional Airport (YNJ) is evidence of the community's capacity and of a strong aviation industry. Today, 55 businesses are in operation at the airport including anchors such as Vector Aerospace which employs 150 employees alone. Welcoming up to 100,000 traffic movements per year, Langley Regional Airport was the busiest community airport in Canada in the summer of 2017.