

Sustainability Report 2016

Hammond Manufacturing will have been in business for 100 years in 2017. Being environmentally responsible to the environment and the community of Guelph has been an important part of the everyday business of Hammond Manufacturing.

In April 2016 Hammond opened a new facility at 55 Wilbert St in Guelph. As the building was being designed and constructed the environment was considered at each step.

A new state of the art paint line was installed at the new facility that includes being able to reclaim paint and recycle it instead of just spraying to waste. Current estimates are that we recover approximately 75% of our powder paint.

Hammond implemented a non-phosphate chemical wash process in order to reduce the amount of sulfuric acid used in waste water treatment. The new facility's sulfuric acid tank is ¼ the size compared to our sister plant.

A waste water reclaim system was also installed in the new facility. While we were expecting a 70% recycling volume of wash water, we have been able to get closer to 100% of the wash water recovered to be put back into the wash system.

Hammond has been fortunate in 2016 to see an increase in our sales and a corresponding increase in our use of steel, and generation of scrap steel is seen as well.

Metal Recycling

During the manufacturing process, scrap steel is collected for recycling. (Combined Edinburgh Rd Wilbert St)

2016 total quantity of scrap metals = 5,197,602 lbs

- 4,679,360 lbs of mild steel
- 437,672 lbs of stainless steel
- 80,570 lbs of aluminum

Paper Recycling

Hammond works with a third party service to ensure our cardboard and paper is properly recycled.

2016 total quantity of scrap papers = 122,797.47 lbs

- 53043.22 lbs of corrugated cardboard
- 58047.71 lbs of bailed corrugated cardboard
- 11706.54 lbs of office waste paper.

Stainability Report

2016

Electronic Waste

In 2016, HMCL diverted 1294 lbs. of E-Waste from landfill. This reduction helped us to prevent the heavy metals and plastic components found in electronic waste from getting into our ground water supplies and contaminating soil. In addition to E-Waste within our operations, HMCL have placed bins for E-Waste collection for our employees to help broaden our impact.

Toxic Reduction Plans

2017 marks 5 years since the first toxic substance reduction plan was required by the Canadian government. Hammond will be review the plan from 2012 and making any necessary changes as well as looking for areas to improve our reduction efforts.

Environment and Climate Change Canada changed the reporting threshold for Cobalt for the 2016 reporting year. It was reduced from 10 tons to 50 kg manufactured, processed or otherwise used threshold, and 0.1% concentration threshold. This change has means that Cobalt is now reportable for Hammond Manufacturing as well.

The 2017 Toxic Substance Reduction plan will again focus on training and efficiencies to reduce the amount of steel that does not end up in our products. Continuous improvement is a journey, not a destination and with ever-improving technology Hammond plans on staying the course.

Equipment Upgrades

In 2016 HMCL has continued to bring in new press brakes, to improve efficiencies. A new stamping machine has been installed at our Wilbert Rd site. This new stamping machine is far more efficient that the 3 machines Hammond previously used. The new machine can run “lights out” so the work is done overnight and the employees can come in to work waiting for them the next day. This allows Hammond to take advantage of lower electrical rates throughout the night.