

Sustainability Report

2017

Hammond Manufacturing Limited (HMCL) understands how important the equilibrium between the environment and the economy is to succeed hence why as a company; we are dedicated to help increase the recovery and recycling of our products.

Moving towards being a more environmentally friendly company has helped us recognize how crucial our actions are for the wellbeing of the company, employees and the community. During previous years different strategies have been put in place to ensure that all employees working at Hammond realize their role in reducing their carbon footprint on the environment.

Strategies implemented during previous years:

- 2011 replacement of older welding machines to reduce energy consumption (47200 kWh to 13600 kWh)
- 2012 implementation of bins for E-waste collection (11,274lbs collected)
- 2013 Toxic reduction plans included:
 - Training
 - Collection of grinding, graining and laser dusts to keep them out of the landfill
 - Improvement of our welding processes to reduce the amount of grinding necessary
- 2014 Battery diversion initiatives (Collecting more than 202lbs of batteries)
- 2015:
 - daylight harvesting (Wilbert)
 - closed loop wash water system (Wilbert)
 - Grinding, welding and laser dust collection (6518lbs of dust collected)
 - Pop can diversion (300lbs collected)
 - Paper towel (2.34 tons recycled)
- 2016:
 - New paint line that allowed to reclaim paint and recycle it (Approx. recovery of 75% of our powder paint)
 - non-phosphate chemical wash process that reduces the amount of sulfuric acid used in waste water treatment
 - A waste water reclaim system that has allowed us to recover almost 100% of the wash water (Wilbert)
- 2017 plastic diversion including shrink wrap and plastic water bottles.

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Our commitment to the environment and the community is a vital part of who we are. Therefore, we are continually looking for new and innovative ways to reach our goal of recycling a 100% of our waste water, scrap steel and paper.

Metal Recycling

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

2017 total quantity of scrap metals = 5,474,286 lbs.

- 4,912,558 lbs. of mild steel
- 458,294 lbs. of stainless steel
- 103,434 lbs. of aluminum

Paper Recycling

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

11706.54 lbs. of office waste paper

2017 total quantity of scrap papers = 185220lbs.

- 75.45 TN of corrugated cardboard
- 17.16 TN of bailed corrugated cardboard

Total Quantity of Plastic Diverted= 3100lbs.

Electronic Waste

In 2017, HMCL diverted 2478 lbs. of E-Waste from landfill. This reduction helped us to divert the heavy metals and plastic components such as lead, mercury, and chromium found in electronic waste. As we continue our mission of diverting toxic components found in E-waste we ensure that our ground water supplies and soil are free of contamination.

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Total quantity of scrap metal, paper and E- waste that HMCL diverted from landfills during 2011-2017

- Scrap metal: 27,898,231 Lbs.
- Scrap paper: 681,450.47 Lbs.
- E-waste: 11,274 Lbs.

Break down per year:

Total	2011	2012	2013	2014	2015	2016	2017
scrap metals	4317529 Lbs	4,982,035 lbs	3,703,760 lbs	3,755,155 lbs	4,220,019 lbs	5,197,602 lbs	5,474,286 Lbs
Scrap Paper		87,839 lbs	87,839 lbs	83489 lbs	114,266 lbs	122,797.47 lbs	185,220lbs.
Electronic Waste	2154 lbs	1284 lbs	3098 lbs	483 lbs	483 lbs	1294 lbs	2478 lbs

Toxic reduction Plans

The toxic reduction plans for the year of 2017 includes an internal review of all seven of the reportable chemicals used at Hammond manufacturing to make sure we are doing our best to reduce the amount of chemicals used at all plants.

New for 2018

2018 will be an exciting year for HMCL we are currently working on:

- Developing a new environmental room for a new gasket machine.
- Adding new efficient press machines to the Hammond manufacturing Headquarter
- Redesigning our packaging to reduce extra usage of resources such as, cardboard and plastic.
- Changing process layout to increase efficiency and safety.
- Implementation of noise baffles to reduce the strength (level) of airborne sound. Thus, minimizing noise pollution.