



ENCOURAGING
Environmental
EXCELLENCE

Encouraging Environmental Excellence Achievement Level Recognition

February 7, 2017

The Ohio EPA Encouraging Environmental Excellence Program targets those who reduce waste, improve efficiency and work to continuously improve as an environmental steward. The program has a four-level approach to provide recognition to Ohio businesses and other organizations completing environmentally beneficial activities. Higher levels of recognition are for those who exceed regulatory requirements or commit to future environmental stewardship efforts. The Achievement Level recognizes any applicants completing environmentally beneficial activities. Any business, trade association, professional organization or local government in Ohio may apply. Achievement Level participants must demonstrate significant progress in one of eight environmental stewardship criteria: Impact to the environment; pollution prevention; energy efficiency; renewable energy; renewable, recovered or recycled materials; green building; recycling programs or organics diversion. Achievement Level participants must also demonstrate some level of progress in at least six additional environmental stewardship criteria and indicate they are in compliance with environmental laws and regulations.

Ohio EPA is recognizing the following organization that successfully met the criteria for the Achievement Level of the Encouraging Environmental Excellence Program. Below is a summary of their efforts.

Tigerpoly Manufacturing, Inc. – Grove City: Tigerpoly Manufacturing, Inc. is a wholly-owned subsidiary of Tigers Polymer Corporation of Osaka, Japan. Located in Grove City with 303 associates, they have been mass-producing rubber and plastic automotive parts since 1987. Through their environmental policy, Tigerpoly strives to continually improve their environmental management system and to minimize the creation of wastes and pollution. It pledges to implement and operate their ISO14001-certified Environmental Management System to continuously improve performance through:

- Reducing, reusing and recycling waste and packaging;
- Improving the efficiency of energy usage plant wide; and
- Reducing molding scrap from the production department.

For 2015 and 2016 (year-to-date), they achieved 97.8% yield above their target of 97.25%. For the same period, the trash that was sent to landfill was 2.24% in weight of the material consumed, below their target of 2.25%. Tigerpoly measured electricity usage (kWh) and compared it to the weather and the amount of material processed to create a baseline in 2011. In 2015 and 2016, they achieved (normalized) savings of more than 5%, as compared to their baseline. This is not reaching their target of 6% and they are working on improvements. Tigerpoly measures their greenhouse gas creation from usage of gas and electricity. They strive to make the creation of greenhouse gas (expressed as CO₂-equivalent) to be as low as possible. In 2016, they are running below their target of 3,500 tons.

In 2015, Tigerpoly re-used internally over 2 million lbs. of plastic, as compared with their purchases of 11 million lbs. for the year. Production scrap is reduced as much as possible through active management programs and specific project targets. They minimize materials sent to landfill as much as possible. Recycling diverts more than 750,000 lbs. of material from the landfill every year. Recycling programs at Tigerpoly include spent aerosol cans, plastic bags, oil soaked rags and absorbents, used oil, cardboard and Paper, steel and aluminum used tooling and scrap, PET used soda bottles from the cafeteria, wood pallets that can't be repaired, and certain plastic scrap that cannot be re-used in house. Tigerpoly promotes environmental messages through their associate newsletter and Earth Day posters. Their "Tigerpoly Gives Back Day" annual event included tree planting, poster contest, and recycle bag artwork contest.

For more information about the Encouraging Environmental Excellence Program and the four levels of recognition, visit www.epa.ohio.gov/ohioE3.aspx or call (800) 329-7518.