

Winsert Inc.
2645 Industrial Parkway
Marinette, WI.

Annual Green Tier Report for 2013

About the Company

Winsert is a leading global provider of innovative alloy solutions for critical components across a wide array of industries. We provide expertise in alloy development to solve high temperature wear or corrosive wear problems in difficult applications; such as heavy-duty and high performance engines, as well as components for food and beverage, forestry, chemical processing and other industrial applications. Our products include, but are not limited to, valve seat inserts, EGR and turbo charger assemblies, homogenizers, high temperature furnace bushings and meat and wood cutters.

Environmental Management System

Winsert achieved Green Tier status in November of 2007, is ISO 14001 certified and is currently recognized in the Green Masters Program as a “Green Professional”. With implementations made during our recent expansion and the implementations of continuous improvements, we will strive to be recognized as a Green Master in 2014.

Review of 2013 Objectives

1. Examine alternate beneficial reuse of foundry sand
 - As an alternative to landfill, we worked with an outside group and were able to have nearly 3500 cubic yards of used foundry sand taken off-site for beneficial reuse as fill for the construction of a storage pad for another facility.
2. Obtain “0” nonconformities at ISO 14001 surveillance audit scheduled for Nov. 2013
 - Audit conducted November 14 – 15, 2013 > “0” non-conformities
3. Advance Environmental/ Safety Program with Behavior Based analysis
 - This is an on-going project in conjunction with consultants
4. Complete entire plant hearing evaluation after construction and placement of formed work cells
 - Completed through use of facility purchasing their own dosimeter and software to evaluate all plant functions.

Environmental Compliance

Our annual ISO 14001 surveillance audit conducted by TUV Rheinland of North America, Inc. concluded November 15, 2013. There were “0” non-conformities during the audit.

Foth Infrastructure conducted their annual Environmental Compliance Audit on November 20, 2013 in which there were “0” non-conformities.

Facility Improvements

With the completion of a 17,000 foot expansion in May, 2013, the following implementations were made to instill an energy efficient facility:

1. Installation of LED and T-5 lighting, auto-light sensors were added for reduced energy consumption
2. Installation of energy efficient windows and insulation materials plant wide.
3. New storm drain system installed
4. Excess construction material was partially submitted to Habitat for Humanity building material recycling program
5. Replaced electric motor equipment with gas powered devices on existing machinery.
6. Installation of new fire alarm system

Electrical Use

5356 MWh in 2013 over 5945 MWh used in 2012 over the same time period. Improvements in 2013 included installation of LED outside lighting and replacement of existing lighting with high efficiency lighting in office and manufacturing areas, along with several areas having sensor lighting installed.

Natural Gas Use

103,792 Therms in 2013 vs. 104,793 in 2012 over same time period. The installation of high efficiency heating units, window replacement throughout office areas and more controlled temperature zoning in manufacturing allowed for lower usage even with the 17,000 ft. addition during 2012.

Water Usage

Continued growth of research & development methods has increased water use to 2.6 million gallons in 2013 over 2.2 million in 2012. This is a main focus of the newly formed Energy Management Team, which has already started implementations to reduce water usage.

Recycling

The facility maintains work instructions and training for all plant personnel on the correct disposal and recycling of used product through:

- Recycling Program (Daily product use)
- Universal Waste Program (Batteries, Fluorescent Bulbs, Computer Components)
- Collection of Disposable Waste Plan (Oil Filters, Aerosol Cans, Absorbent Materials)

On-site Chemicals

Since the elimination of Trichloroethylene use in 2008, this facility has remained committed to neither the introduction nor generation of any hazardous materials.

The facility maintains a centrally located computer with software enabling any person to obtain MSDS or SDS for any on-site materials and the applicable training.

Spill Containment

No reportable spills during 2013. The facility continues to follow, monitor and continually improve its Storm Water Pollution Protection and Spill Control & Countermeasure Plans as well as other contingencies with regulated and internal requirements. The most recent addition was magnetic storm drain covers for use in the parking lot should a spill occur.

Continuous Improvement

Working with outside consultants we will eliminate over 3.4 tons of foundry cores going to landfill annually by utilizing it as a beneficial reuse product for other facilities.

The EMS has created an “Energy Management Team” to implement best management practices and become more sustainable during 2014. It’s main focus will be the reduction of gas, water & electrical use as indicated in our 2014 objectives.

2014 Objectives

1. Reduce electricity kw usage by 3%
2. Reduce natural gas therms usage by 3%
3. Reduction of water use by 25%