



Executive Summary:

Lucas-Milhaupt Inc. has participated in the Wisconsin Green Tier program since September 2007. Lucas-Milhaupt manufactures brazing and soldering filler metals in the form of bulk, strip and wire, preformed strip and wire, pastes, powders, fluxes and other metal products for a wide range of industries including automotive, electronics, heating and air conditioning, aerospace and others. Lucas-Milhaupt, Inc. was founded in 1942 and employs approximately 200 people.

In 2014 Lucas-Milhaupt enjoyed continued growth due to expanded market share and economic upturn in manufacturing. Our continuous improvement projects ensure that we minimize our environmental impact and conserve natural and man-made resources through growth of the business.

Environmental Policy Statement:

Lucas-Milhaupt is committed to complying with all applicable environmental laws and regulations and to preserving the environment of the community in which we work and live by minimizing environmental risks associated with its operations. We are committed to continuous improvement of our Environmental Management System and performance including resource conservation and pollution prevention.

Environmental Management System:

Lucas-Milhaupt has had a formal Environmental Management System since 2003. We also hold a current ISO 14001 certification. During the annual surveillance audit performed by BSI in 2015 No Major & No Minor Non-Conformances were identified. During this audit 5 Opportunities for Improvement were identified, all of which have been corrected.

The 5 Opportunities for Improvement were:

- 1) Aisle blocked between two storage racks in the Formulated Dept.
- 2) Eyewash Stations are clean, accessible and operational but some of the monthly inspection tags are not signed off on.
- 3) One of the Flammable Materials Storage Cabinets had approximately 3 gallons over the limit of gallons the cabinet was rated to store.
- 4) The batteries for the Megaphone by the East Exit door needed to be replaced.
- 5) One of the Non-Hazardous Waste Drums was intermingled with the Hazardous Waste Drums.

2014 Objectives & Targets:

In 2014 we had the following Objectives & Targets Projects list designed to positively impact/increase our EMS, these projects were as follows:

- 1) Conduct and Energy Audit: WE Focus ON energy was contacted and an Energy Audit was conducted on our location. The purpose of this assessment was to identify opportunities for the facility to reduce its overall energy consumption. With this audit completed we were able to identify one opportunity selected as a Project for 2015, (i.e. Systematic Replacement of Existing Office & Conference Room Lighting with LED Lighting). LED Lighting uses considerably less energy and provides a much higher quality of light.
- 2) Eliminate/Fill in Un-Used Trenches: Along the Interior East Wall of the facility we have approximately 75 feet of floor trench that is currently un-used. In order to eliminate the risk of wastes collecting in these trenches we decided to fill them in with concrete sealing them permanently.

2014 Objectives & Targets, (Cont.):

- 2) Replace the use of Steel Drums with Cardboard Gaylord Boxes: We use to collect all of our scrape aluminum in 55 gallon steel drums that we would fill with our aluminum scrape and send out to the recycler. By replacing the 55 gallon steel drums with Gaylord sized Cardboard boxes we not only reduced the number of aluminum recycling pickups but have eliminated the waste generated by using Steel Drums.
- 3) Replaced 55 Gallon Steel Drums for Waste Flux Powder with Cardboard Composite Drums: We use to purchase 55 gallon Steel Drums to collect waste flux powder from our manufacturing process, this flux powder was sent off site for Energy Recovery. We eliminated the purchase of 55 Gallon Steel Drums and replaced them with the re-use of the Cardboard Composite Drums the Flux Powder came in.

2015 Objectives & Targets:

- 1) Increase Recycling and establish formal tracking system to determine year over year amounts of material recycled by type and weight. Knowing how much, in terms of weight, that we recycled the previous year will enable us to set goals for increasing these recycled material amounts and by so doing reduce the amount of recyclable materials being sent to the land fill.
- 2) Research the replacement of Office/Conference Room/Breakroom Fluorescent Lighting with LED Lighting. If this is successful we will significantly reduce our facility's year over year electrical energy consumption.
- 3) Eliminate the use of Evaporators as a means of treating our Bowl Washing Wastewater and replace them with the use of Totes. If this is successful we will eliminate an annual production of 9,500 lbs. of Hazardous Waste from our facility's waste stream and replace that with a Non-Hazardous/Non-RCRA Regulated Wastewater treated by a local vendor, (i.ee Advanced Waste).