



## **ENVIRONMENTAL STEWARDSHIP AT BRIDGEPORT**

Many customers have asked, “What is Bridgeport Fittings doing to reduce their negative impact on our environment?” The answer is that we are constantly doing many things. The following is a summary of our continuing environmental efforts in our business;

### **Recycling**

Bridgeport Fittings recycling process refers to scrap materials resulting from the manufacture of zinc die-castings, steel stampings, and tooling. Zinc alloy runners, sprues, and unacceptable parts are collected and specially blended with virgin zinc alloy to produce our standard furnace zinc alloy. Our bi-weekly chemical analyses of our furnace zinc alloy melt, ensures that the Bridgeport pure quality zinc standards are always achieved. We are reusing at least 98% to 100% of scrap zinc alloy in the manufacture of our zinc die castings. In addition, all purchased, raw steel alloy is at least 20% post-consumer content. The steel scrap resulting from our stamping and tooling processes is recycled with our local scrap dealer. At least 98% of all products we make or sell can be completely reclaimed back into their raw form. From steel, to zinc, to plastics, all can be re-processed to make new products in the future. We also participate in local fluorescent bulb and obsolete electronic hardware recycling programs.

### **Waste Management**

Bridgeport Fittings maintains the proper State environmental operating permits. We have the proper waste treatment, and disposal processes and procedures in place to make sure we are compliant with all current local, state, and federal environmental regulations. Bridgeport Fittings does not use any Ozone Depleting Substances in the manufacturing of its products or tools. Additionally, in accordance with RoHS requirements, Bridgeport’s Zinc, Steel, or Plastic products do not release any harmful or prohibited substances while in normal use.

### **Energy Consumption**

Bridgeport Fittings has an active energy use reduction program, and have partnered with our local utility, United Illuminating (UI), to help reduce our energy dependence. This program is coupled with our Lean Manufacturing philosophies which further help reduce waste and ultimately reduce energy consumption. We have taken advantage of UI’s many sponsored programs which included the purchase of new, energy efficient equipment such as a large air compressor, compressed air dryer, process heaters, and lighting fixtures. In addition, we voluntarily participate in UI’s “Load Response Program” which requires us to actually cut off production equipment when the local electrical grid is overloaded during the summer months. Lastly, we turn off all lighting and equipment when it is not being used during our production shifts.



## **Pollution Control**

Bridgeport Fittings has an extensive wastewater treatment system that is designed to properly treat and condition all process wastewater that leaves our building. We do not improperly dispose of chemicals, oils, or other items that are prohibited by Federal or State regulations. Our zinc melt furnaces are gas-fired and we monitor the combustion adjustments to maintain a clean burning process that produces no soot or objectionable smoke. Our plant internal air quality is excellent. Additionally, we have recently removed in-ground fuel oil storage tanks from the property to eliminate our liability from a potential oil leak. The processes that once operated with oil-fired heaters have been converted to natural gas-fired heaters.

In summary, there is a concerted effort at Bridgeport Fittings to Reduce, Reuse and Recycle. We are constantly looking for more ways to reduce our negative impact on our environment, while simultaneously providing the highest quality, service and support in the industry. If you have any suggestions or comments, please contact us.