



## **E-Structors, Inc.**

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[www.e-structors.com](http://www.e-structors.com)

Electronics and document recycling company

Member since May 2010

### **MANAGEMENT AND LEADERSHIP**

#### **Environmental Policy Statement**

*E-Structors is an electronics and document recycling company providing a wide range of services that include reuse, disassemble, destruction, and recycling functions to a varied customer base. We recognize that our activities and services impact the environment. E-Structors believes it can have a positive effect upon the environment by managing the environmental impact of our activities, adhering to good management practices, and executing responsible management strategies.*

*The company is committed to applying the following principles to its activities:*

**E:** *We will aggressively pursue environmental protection and pollution prevention practices as evidenced by our environmental aspects, targets, objectives, programs and operating procedures.*

**A:** *Compliance with applicable legal and other requirements and regulatory framework.*

**R:** *We will adhere to the Responsible Recycling (R2) Practices for electronic recyclers.*

**T:** *We will ensure conformance to and target continual improvement of our environmental management system through internal audits, management reviews and third party registration to ISO Standard 14001:2004.*

**H:** *We will continually provide a safe and healthy environment for our employees, our customers and the community.*

#### **Environmental Team**

*E-Structors has established a Core Team to identify the environmental, health, safety and responsible recycling aspects of its activities, products and services that the facility can control and those that it can influence. The Team reviews the Legal and Other requirements applicable to E-Structors, develops objectives and targets taking into consideration the significant environmental aspects and*

*applicable legal requirements, serves as a advisory body for the Environmental Health and Safety Management System (EHSMS) on the continual improvement of the EHSMS and are responsible for identifying operation and activities associated with the significant environmental, health, and safety aspects consistent the environmental policy, objectives and targets, and responsible recycling practices.*

*Core Team (consist of management and warehouse employees) provides EHSMS support and reports directly to the Environmental Management Representative (EMR) and meets quarterly. The EMR reports results to the EHSMS Management Team (consist of top management) at least once a year.*



### **Annual Environmental Goals**

*The Core Team identifies environmental aspects of E-Structors' operation, which have actual or potential significant impacts upon the environment. This information is documented on a Significant Environmental Impacts Quantitative Ranking form and rated by Public Consequences, Employee Safety Consequences, Environmental Consequences-Impact on Environment, Environmental Regulatory /Legal Consequences, Business Interruptions Consequences and Cost Consequences. Each consequence shall be quantified on a subjective scale of 0-3. Total score shall be obtained by adding all consequences assessments together, then multiplying total of consequences with frequency and control. To be considered "significant", the aspect has a quantitative score of 15 or greater.*

*Core team develops objectives and targets, taking into consideration the significant environmental aspects. At least once a year the core team is to review objectives and target and is documented on Objectives, Targets, and Programs Monitoring Form. On this form the objective, target, means, functional area, responsibility/organizational levels, target completion date and date set are documented.*

*E-Structors 2009 objective goal was to reduce propane usage by 10%. Their goal was successful by using purchasing electric lift trucks and with the help of Lean Management, reduced the excess movement of the lift truck. This was a savings of \$50 a month.*

*In 2010 E-Structors objective goal was to minimize the amount that their company was contributing to the waste stream. After a yearlong reevaluation of their waste stream E-Structors was able to go 100% landfill free in February 2011.*

☒ **Environmentally Preferable Purchasing**

*E-Structors' uses a Due Diligence Downstream Approval Process to ensure the potential vendor complies with ISO14001:2004 and R2 (Responsible Recyclers).*

☒ **Environmental Restoration or Community Environmental Projects**

*E-Structors sponsored their second annual recycling day on April 9, 2011 at The Children's Home, in Catonsville, MD. During this 4 hour event we collected over 13,200 pounds of electronics and paper from the community, an 8000 pound increase over the previous year's event. We have also donated computers, laptops, and televisions to the Children's Home and to the Linwood School Training Program.*

☒ **Independently-Audited Environmental Management System**

*E-Structors is both ISO 14001:2001 certified and Responsible Recycling ("R2") certified. The R2 standard requires implementation of an Environmental Management System.*

**WASTE**

☒ **Solid Waste Reduction and Reuse**

*E-Structors is an electronics and document recycling facility, we are able to collect and use the paper left in the machines as well as office products such as notebooks, paper clips, binders, and folders they would have ended in the landfill. This saves the company \$60 a month in paper and office products.*

*E-Structors uses about 400 lbs of paper per year, according to the Environmental Defense Fund's Paper Calculator, producing 400 lbs of paper requires 4 million BTU's, 5 lbs sulfur dioxide, 684 lbs CO2 equivalent, 2 lbs nitrogen oxides, 2,074 gallons of wastewater, and 238 lbs. of solid waste.*

*In February of 2011 E-Structors marked the completion of a yearlong reevaluation of their own waste stream in order to achieve their 100% landfill free goal. This accomplishment is just another productive step towards minimizing the company's impact on the environment.*

☒ **Recycling**

*E-Structors is an electronics and document recycling company and we recognize that our activities and services impact the environment. E-Structors believes it can have a positive effect upon the environment by managing the environmental*

*impact of our activities. Employees do their part in recycling their bottles and cans to keep our environment clean.*

## **ENERGY**

### **Energy Efficiency**

*Our offices lights are sensor controlled to ensure lights go off if there is no activity. In the warehouse, light are turned off at the end of the shift, and only the lights in the working areas are left on. As part of our EMS's Objective and Targets, our goal is to reduce energy use. We plan to have an energy consultant come to our facility and evaluate what we can do to improve energy use. We are currently tracking our usage to get a baseline to set our goals.*

## **OTHER**

- Memberships within our industry:*
- IFMA (International Facility Management Association)*
  - Washington Board of Trade*
  - Howard County Chamber of Commerce*
  - Chesapeake Regional Tech Council*
  - Founding Member of Green Council*
  - Maryland Green Registry*
  - Maryland Green Manufacturing Workforce Exchange*
  - Tech Council of Maryland*
  - Greater Baltimore Tech Council*
  - Howard County Chamber of Commerce*

***Profile Updated April 2011***

