



# sparkeology

## **Environmental Statement**

We all have a responsibility to the environment and to future generations when it comes to improving our environmental standards. Throughout our existence, Sparkeology has worked closely with clients, architects and designers, suppliers and employees to ensure that our products will be a source of pride for all involved. Now, more than ever, this pride extends to the environmental standards to which we hold ourselves accountable.

### *Design, Construction and Materials*

Today's work and study spaces require furniture that is heavy duty, flexible, and easy to maintain. It is essential that the furniture meet stringent durability and strength expectations, thus extending the life of the product and reducing landfill waste. Sparkeology utilizes long-tested joinery and construction methods to ensure every piece we create is as enduring as it is appealing.

Several components of Sparkeology's product lines can be specified to contain post-industrial and post-consumer recycled materials, including, but not limited to:

- Urea-formaldehyde free MDF
- Urea-formaldehyde free particleboard
- Marmoleum upon request
- Post industrial recycled materials in all cold rolled steel material parts. Steel consists of 30% recycled content
- Waterborne finish with low VOC content on wood products
- Fabrics from Maharam and Momentum Textiles

Woods used by Sparkeology include Ash and Maple, grown in forests managed for sustainable yields. A majority of our steel components are powder coated, which is less harmful to the environment.

### *Suppliers*

From wood suppliers to fabric vendors to metal finishers, Sparkeology believes it is imperative that we partner with companies that believe in and support our environmental efforts. Our particleboard supplier is Green Cross Certified for 100% recycled and recovered wood fiber. We purchase lumber from a company that meets Sustainable Forestry Initiative standards, with the objectives of perpetual growing and harvesting of trees while protecting wildlife, plants, soil, water and air quality. Our fabric vendors, Maharam and Momentum Textiles, excel in their efforts to produce products that utilize recycled material and more environmentally friendly methods of production.

### *Manufacturing*

By employing "Just in Time" manufacturing processes, Sparkeology ensures that large inventories of unnecessary supplies and products are not created, thus reducing waste of both material and production. We optimize every order to obtain the highest yield from our materials, resulting in less scrap and waste.

Sparkeology's production facility strives to maintain a positive impact on hazardous emissions by employing such methods as efficient dust collection and filtration, finish filtration and solvent recycling, and water based glues; all resulting in reduced volatile organic compound (VOC) and hazardous air pollutant (HAP) emissions. Sparkeology's VOC and HAP emissions fall well below the federal standards. We are proud to regularly submit to OSHA and EPA inspections and reporting requirements.

### *Packaging and Transportation*

The preferred methods of packing at Sparkeology are blanket wrapping, palletizing and shrink wrapping - thus eliminating the need for space (and landfill) consuming packaging. Sparkeology reuses wood pallets and blankets whenever possible. Whenever possible, Sparkeology consolidates multiple orders into single trucks going to similar destinations. Because we maintain our own fleet, Sparkeology is also able to procure backhauls for the return trip, eliminating the wasted fuel and emissions incurred in an empty returning truck.

### *Stewardship*

Recycling is embraced throughout the organization, from plant solvents and scrap; to bottles, cans and paper in the office. Sparkeology believes that implementing these practices results in a cleaner, safer work environment for our employees, and ensures the continued stability and availability of natural resources for generations to come.