
Policy Statement

At “**Royal Safe Company KB**”, we are committed to advancing sustainability in the design and manufacturing of our furniture. In alignment with BIFMA Level certification, our **Design for Environment (DfE) Policy** integrates key environmental considerations, including the use of renewable, recycled, and recyclable materials, effective end-of-life management strategies, and the reduction of energy and water usage. By focusing on these core areas, we aim to minimize the environmental impact of our products throughout their lifecycle from raw material sourcing to disposal.

Sustainable Material Selection

In our commitment to creating environmentally responsible products, we will ensure that our materials align with BIFMA’s standards for sustainability:

- **Renewable Materials:**
We will prioritize the use of materials derived from renewable sources, such as FSC-certified wood and rapidly renewable resources (e.g., bamboo, cork, and natural fibers), to reduce dependency on finite resources.
- **Recycled Materials:**
We are committed to incorporating recycled materials into our products. We will increase the use of post-consumer and post-industrial recycled materials, such as recycled wood, metal, and plastic, ensuring that these materials are safely incorporated into our furniture designs.
- **Recyclable and Biodegradable Materials:**
We will design products with materials that are recyclable or biodegradable at the end of their life. This includes selecting materials like metals, wood, and certain plastics that can be easily separated and recycled. Biodegradable components will be prioritized where appropriate, ensuring minimal environmental impact after product use.

End-of-Life Management

We will implement comprehensive strategies for managing the environmental impact of our products once they reach the end of their usable life:

- **Product Take-Back and Recycling Programs:**
We will offer product take-back or recycling programs to ensure that our furniture is either reused, repurposed, or properly recycled. Products will be designed to facilitate easy disassembly, enabling the recovery and recycling of materials.

- **Waste Reduction at End-of-Life:**

We will provide clear guidance to customers on how to responsibly dispose of or recycle our products. By designing furniture with minimal complex components, we aim to make it easier for end users to separate materials and reduce landfill waste.

Chemicals of Concern Prevention Strategy

Royal Safe operates a strict prevention-based strategy to ensure our products remain free of hazardous substances. Our commitment to material health is defined by the following actions:

- **REACH and Global Compliance:** We strictly prohibit the use of any materials or substances listed under EU REACH (Substances of Very High Concern) and UK REACH in our furniture products.
- **Proactive Material Screening:** Because our current products do not contain regulated chemicals, our DfE program focuses on screening all *new* incoming materials to prevent the accidental introduction of targeted chemicals of concern, including PFAS, ortho-phthalates, and heavy metals.
- **Verification of Non-Use:** We maintain this "Zero-Concern" status by requiring our suppliers to provide declarations at a 100 ppm (0.01%) threshold, confirming the absence of substances listed on the Living Building Challenge Red List and Cradle to Cradle Restricted Substance List.
- **Avoidance of Regrettable Substitution:** In the event of a design change, our procedures mandate an environmental assessment of new materials to ensure we do not introduce any substances that would compromise our REACH-free standing.
- **Transparency:** We provide public disclosure of our chemical inventory to verify to our customers that our products meet the highest safety and environmental standards.

Energy Efficiency in Manufacturing

We recognize the significant role of energy consumption in manufacturing processes and are committed to reducing our energy footprint:

- **Energy Efficient Production Processes:**
We will invest in energy-efficient technologies and production methods that minimize energy use throughout the manufacturing process. This includes optimizing machinery, reducing waste in production, and employing lean manufacturing principles to ensure energy is used efficiently.
- **Renewable Energy Sources:**
Wherever feasible, we will integrate renewable energy sources, such as solar

or wind power, into our production facilities to reduce greenhouse gas emissions associated with the manufacturing of our products.

Water Management

Water is a precious resource, and we are dedicated to reducing our water usage throughout the production process:

- **Water Conservation in Manufacturing:**
We will adopt water-saving technologies and processes to minimize water consumption. This includes optimizing water use in cleaning, cooling, and manufacturing processes, and recycling water where possible.
- **Efficient Water Use in Product Finishing:**
In product finishing and coating processes, we will use water-based and non-toxic finishes that minimize water waste and reduce the environmental impact of volatile organic compounds (VOCs).

Product Design for Durability and Longevity

In addition to the environmental impacts of material use, we will ensure that our products are designed to last:

- **Durability and Reparability:**
We will design products to be durable, with materials and components that are built to last. This includes designing products that can be easily repaired or refurbished, extending their useful life and reducing the need for frequent replacement.
- **Modular Design:**
Where applicable, we will design modular furniture that can be easily reconfigured, allowing customers to adapt the product to changing needs without requiring a full replacement.

Continuous Improvement and Compliance

We are committed to ongoing improvements in sustainability and environmental performance:

- **Compliance with BIFMA and Environmental Regulations:**
All products will meet or exceed BIFMA's Level certification standards, ensuring that they comply with environmental regulations and best practices. We will stay current with changes in sustainability standards and regulations, ensuring compliance with all relevant laws governing materials, emissions, and waste management.
- **Monitoring and Goal Setting:**
We will continually assess our environmental performance through regular monitoring and reporting. Sustainability targets will be set, and we will identify areas for improvement to ensure that we meet our environmental goals.

Transparency and Stakeholder Engagement

We believe in maintaining open communication with our customers, suppliers, and other stakeholders regarding our sustainability practices:

- **Supplier Partnerships:**
We will work closely with our suppliers to ensure that the materials and components we source adhere to our sustainability goals. This includes selecting suppliers who share our commitment to environmental responsibility and ethical manufacturing practices.
- **Customer Education:**
We will educate our customers on the environmental benefits of our products and encourage responsible usage, recycling, and disposal practices. This includes providing clear product information and guidance on how to maintain and dispose of our furniture sustainably.

Conclusion

At **Royal Safe** sustainability is a core value that drives our design, manufacturing, and operational processes. Through the implementation of this **Design for Environment (DfE) Policy**, we are taking measurable steps to reduce our environmental impact. We remain committed to incorporating renewable, recycled, and recyclable materials, improving energy efficiency, optimizing water use, and implementing effective end-of-life management strategies to ensure that our products contribute to a sustainable future.

Approval and Implementation

This policy will be reviewed annually and updated as necessary to ensure continuous improvement in our environmental performance. All employees and suppliers will be trained on the policy and expected to contribute to its implementation.



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