

ENVIRONMENTAL POLICY

Principles

1. Senior management sets out the responsibility for environmental performance and develops and maintains an adequate system of management, measurement and improvements.
2. All actions comply with relevant regulations.
3. Business is conducted with due regard to the environment, its habitats and biodiversity.
4. The business operations are regularly assessed for compliance with policy, performance and achievement of targets.
5. Environment considerations are taken into account in all major business decisions.
6. Employees are encouraged to work in an environmentally responsible manner.
7. Suppliers are encouraged to operate in an environmentally responsible manner and such encouragement is made a condition of any supply.
8. Where appropriate, encourage support from customers by providing them with products and services that are environmentally responsible in use.
9. Customers are made aware of all environmental policies in the specific areas where they are in direct contact.
10. The company reports annually on environmental management.

Standards Management

- The Operations Director is responsible for the overall environmental performance, which is reported to the Board bi-annually.
- Develop and thereafter maintain an adequately documented environmental recording and reporting system.
- Ensure that the implications for the environment are taken into consideration in all major business decisions.
- Develop and thereafter maintain a record of formal written comments concerning environmental performance and set targets for their reduction.
- Assess the business regularly for compliance with this policy.

Greenhouse Gases

- Reduce the use of energy through awareness programmes and through designing efficiency into new buildings, equipment, travel and transport and other working practices.
- Set a target for the reduction of energy consumption. Monitor report and update regularly.

Resources

- Reduce the use of water and materials through awareness programmes and through designing efficiency into new buildings, equipment and working practices.
- Set a target for the reduction of water consumption. Monitor report and update this annually.
- Reduce, reuse or recycle solid waste where economically and environmentally sensible. When these options are not available, dispose of solid waste in the most environmentally responsible manner.
- Set targets for the reduction of waste produced. Monitor report and update these annually.
- Favour supplies derived from recycled materials or renewable resources. Avoid supplies derived from endangered species.

Hazardous Substances

- Reduce the use of hazardous or non-degradable chemicals. Where the use of such substances is unavoidable, train staff in their handling and disposal and take precautions to minimise the impact of spillage.
- Reduce the use of ozone depleting substances in supplied packaging materials, refrigerants and fire suppression systems by specifying new equipment that is free of such materials and replacing existing systems as directed by legislation.
- Identify and record where asbestos is present and carry out works as appropriate in accordance with regulation/legislation.

Working with our local communities

- Reduce as far as commercially practicable the level of harmful or nuisance emissions.
- Reduce as far as commercially practicable grease emissions to water.
- Collect oil and recycle it through a licensed contractor.
- Carry on business in a responsible manner with due regard to the hotels' immediate environment, particularly at unsociable hours and in relation to noise, odour, lighting, litter, uncollected waste or deliveries and collections.
- Maintain building exteriors, outdoor equipment and grounds to create a positive visual impact within the community.
- Introduce contingency plans for major incidents to reduce their environmental impact.

Raw Glass Supplier's Commitment to Sustainability

Guardian is committed to ecological responsibility on a Global basis. Producing safe and reliable products, operating a healthy workplace and assuring the efficient use and preservation of natural resources are integral parts of Guardian's philosophy and business practices. We take pride in developing better ways to protect the planet. That is why we have implemented our environmental policy on a worldwide basis.



It is the policy of Guardian Industries to conduct our worldwide operations in full compliance with all relevant environmental laws and regulations; to perform our functions in a manner that protects the health and safety of our customers, employees and neighbours; and to pursue our business in a way that achieves economic goals while simultaneously addressing environmental objectives.

Eco- friendly manufacturing operations ensure that between 17% and 28% of recycled glass, in the form of cullet, is used to make new glass, minimising the use of natural raw materials and reducing energy costs.

<u>Naturally occurring materials</u>		
<u>Raw Material</u>	<u>%</u>	<u>Reason</u>
Sand (up to 28% may be cullet)	72-75	Recycling cullet accelerates melting and reduces energy demand
Soda Ash	12-16	Flux
Limestone	5-12	Provide chemical stability and workability
Dolomite	4	
Alumina	1	Stabiliser

Guardian is committed to minimising its impact on the environment and encouraging good environmental practice. The company is accredited to the ISO 14001 environmental standard.

All raw materials are sourced, wherever practicable from local sources, to reduce transportation movements and vehicle emissions.

Sand	Kings Lynn, Norfolk
Cullet	UK & Ireland customers
Soda Ash	Winnington, Cheshire
Limestone	Matlock, Derbyshire
Dolomite	Warmsworth, South Yorkshire

The principal raw material, sand, is delivered direct into the plant by rail, which is a more environmentally friendly form of transportation.