

Carbon Reduction Strategy

About Bisley

The Bisley Office Furniture Group conducts its business from its manufacturing site at Newport in South Wales, Bagshot in Surrey and the showrooms located in Dallington Street, London and the Calico Building, Manchester. Bisley is a UK manufacturer of a wide range of steel storage products predominantly for the business workplace, with ranges designed for those working from home for both the UK and international markets. Bisley also manufactures industrial storage products designed for use in heavy engineering environments for both commercial and private sectors.

Our Vision

As an energy intensive industrial manufacturer, utilising vast amounts of raw materials and energy as inputs to our manufacturing processes we recognise the critical importance of evaluation of our environmental impacts including organisational carbon emissions.

Despite not yet achieving carbon neutral status, under a new regime this has become a long run strategic imperative as we aim to fulfil our duties not only to our customers to whom we aim to provide a product that is functional, fit for purpose and of exceptional quality but also the communities within which we operate and the environment upon which all of us are dependant.

Bisley has long engaged in activities to reduce operational carbon footprint with significant investment in new technologies including manufacturing capital and facilities equipment with the aim of reducing factors including material usage and energy consumption.

Net Zero Commitment

Bisley is committed to achieving carbon neutral status by 2050 in line with current Welsh and UK government targets. This will be achieved primarily through investment in mitigation projects supported where necessary by offset via provision of funding to gold star accredited, verified projects with an overall reduction target of 3-5% year on year.

We will endeavour where possible to achieve this milestone at the earliest possible date.

Environmental Management System (EMS)

Bisley has successfully implemented an environmental management system. This system is ISO 14001 accredited and is subject to continual scrutiny through a Plan, Do, Check, Act methodology with engagement from multiple personnel from throughout the organisation and leadership from senior level management through management review.

The scope of our EMS covers chemical usage and management, waste segregation and disposal, emergency preparedness in case of an environmental incident, permitting, adherence to environmental laws and regulations specific to our operation, emissions to air and effluents to local water systems.

Energy & Waste Management

At Bisley we source all of the energy that powers our manufacturing activities through renewable energy tariffs. In addition to this we also participate in the Energy Savings Opportunity Scheme (ESOS) which has led to substantial commitment of resources and investment in procurement and installation of energy efficient machinery and equipment including:

- Installation of LED lighting.
- Installation of Energy Management System.
- Increased 'daylighting' in some areas of facility.
- Installation of more energy efficient transformers.
- Heat recovery from compressor equipment for use in drying.

Bisley has also built a 'switch it off' culture through operator level consultation with senior management, encouraging manufacturing staff to take initiative and turn off machinery and lighting in areas of the factory that are not in use.

Bisley is committed to circularity of materials. All steel waste from production processes is collected and reprocessed by our appointed partner organisation. Broken and unusable pallets are collected, repaired, and returned through another partner. Packaging waste including cardboard and plastic bags and wrap is baled and returned to our packaging supplier.

Electrical waste including computer equipment is removed in alignment with WEEE waste regulations.

Materials

Where possible we aim to source as much of the cold rolled steel coil and sheet that we use in manufacturing as possible from the UK market, this may be supported in some cases by product from Europe. All steel that we use has a recycled content of approximately 56% and is both REACH and SVHC compliant.

All wood material including melamine faced chipboard (MFC), MFMDf and plywood is obtained from well-managed, forest stewardship council (FSC) accredited sources, is compliant with EU timber regulations and meets the requirements of the European E1 formaldehyde standard. Bisley also sources CARB 2 (TSCA Title VI) compliant material for manufacturing of products for the US market.

Transport

To further contribute to the reduction of our organisational carbon footprint, Bisley utilises trailer load optimisation and route planning software to ensure maximum use of trailer space and the shortest routes for delivery. Our haulier also operates under the Fleet Operator Recognition Scheme (FORS).

Our corporate vehicle fleet consists almost entirely of electric and hybrid vehicles.

Product Stewardship

Bisley products are designed for functionality, durability, and a long service life. Tested rigorously to British and European harmonised standards for safety, strength and stability including BS EN 14073 and BS EN 14074.

We have also invested in undertaking of Life Cycle Analyses (LCA) for much of our steel product portfolio to fully understand their environmental impacts in terms of global warming potential, acidification potential, eutrophication potential, ozone depletion potential and other indicators across all phases of each products

life cycle from material extraction to end-of-life disposal (cradle-to-grave). This project culminated in the production and publication of 10 third party verified, ISO 14025 compliant environmental product declarations (EPDs).

Many products in our steel portfolio have also undergone volatile organic compound (VOC) testing, meeting the requirements of standards ANSI/BIFMA M7.1 and CDPH 01350 which form the criteria for low emitting materials under both LEED and WELL schemes.

Bisley products are highly modular allowing replacement of damaged or worn parts to keep a product in service for a longer period.

At end-of-life products are easy to disassemble with basic hand tools in order to separate materials for reprocessing and recycling.

Social Sustainability & Ethical Sourcing

Bisley pays a basic rate to production operatives in excess of the UK living wage. Other benefits include provision of private health cover, emergency financial support and an annual leave package in excess of legal requirements.

Maintaining a safe working environment for our employees, contractors and visitors is paramount guided by our internal ISO 45001 accredited Health and Safety Management System. Suppliers are required to complete regular questionnaires with metrics related to quality, environment and health & safety included, this is supported by site audits.

Memberships and Accreditations

- ISO 9001
- ISO 14001
- ISO 27001
- ISO 45001
- Furniture Industry Sustainability Programme (FISP)
- Achilles Building Confidence
- Safety Systems in Procurement (SSIP)
- TUV Nord Certified (GS Mark)
- FSC



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