



UK ELECTRICAL

SUSTAINABILITY & ENVIRONMENTAL POLICY

GENERAL STATEMENT OF INTENT

The company believes that continuous improvement in environmental management is an essential element within its overall business plan – minimising waste, consumption of resources and pollution goes hand in hand with high productivity and quality standards. This policy therefore applies to, and will be integrated with, all business activities, products and services with the potential to adversely affect the environment on a local or global scale.

We recognise and accept our legal duty of care toward the environment and are committed not only to complying with our legal duties and with other requirements to which we subscribe but to exceed these requirements where reasonably practicable.

Energy generation and consumption is a major contributor to the production of greenhouse gases and global warming. UK Electrical seek to manage our use of energy, reducing consumption and continuously improving efficiency wherever possible.

We seek to identify all processes that generate waste and will seek to avoid environmentally harmful disposal by eliminating, minimising or reusing waste products wherever reasonably practicable or, where this cannot be achieved, identifying and taking advantage of opportunities for recycling.

The basis of our environmental management system will be an on-going review of business activities and the identification of aspects of our work that could have an impact upon the environment and the implementation of on-going steps to eliminate, minimize or manage them so that adverse environmental effects are minimised.

To enable us to measure our environmental performance we will review the suitability of Environmental Policy and the performance of Environmental Management System in order to promote continual improvement year on year in our environmental performance.

Signature	
Name	Steven Fellows
Position	MD
Review	Annual

SCOPE

The scope of the Environmental Management System extends to all products and services provided by UK Electrical Installations Ltd.

Included within this definition and in addition to planned operating conditions are non-routine activities and foreseeable emergency situations.

The environmental management system will also apply to those aspects of the activities of suppliers and service providers over which we have, or could have an influence and the environmental performance of our business partners.

ORGANISATION

The organisation established to implement this Environmental Policy is:

Overall responsibility	Steven Fellows managing director
Day to day duties	Debbie Fellows operations manager

ARRANGEMENTS

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➔ Legal Compliance

The company is aware that an ever increasing range of legislation is being introduced both by the UK Government and directly from the European Union intended to protect the local and global environments and to attempt to ensure the sustainable use of the earth's limited natural resources.

We recognise the importance of compliance with these requirements both to the business itself and to the wider environment and are committed to taking all reasonable steps, on an ongoing basis to identify those legal constraints within which we are required to work and pledge to comply fully with both the letter and spirit of the law as it applies to our activities and those of our partners where we are able to exert a meaningful influence.

We will identify legal requirements relevant to our activities and will ensure that relevant details of such requirements are communicated in an effective manner to our staff. Any actual breaches of our legal responsibilities will be fully investigated and a report submitted for consideration by senior management so that corrective and preventative action may be taken to ensure that no further breaches take place.

➔ Prevention of Pollution

We recognise our fundamental responsibility to prevent pollution of the environment and will identify all environmentally harmful substances, materials and processes used by the company and seek, on an ongoing basis, to replace them with environmentally safe or less harmful alternatives where such alternatives are available at a reasonably practicable cost. We shall further ensure that all environmentally harmful substances and materials are handled safely throughout their storage, use and disposal.

➔ Carbon Management

We recognise the potentially detrimental effect that certain emissions produced by the company in the delivery of its services may have on the global environment and seek to reduce emissions of the 6 'greenhouse gases' (GHGs) identified in the Kyoto Protocol as contributing to climate change on an ongoing basis.

ELECTRICAL DESIGN

All of the schemes we design for our clients minimise energy consumption and pollution and increase efficiency

AT OUR OFFICES

- Energy saving LED lighting installed throughout
- Daylight dimming PIRS near windows and standard PIRS elsewhere to ensure lights are only used when necessary

COMPANY VEHICLES / TRAVEL

- To minimise fuel consumption engineers, share vehicles on their journeys to and from site
- We have invested in 6-seater vehicles to reduce the no of vehicles which we send to site
- Wherever possible, we will keep our journeys to 75 miles or less
- When we replace vehicles (engineer vans and manager cars) we will replace with electric
- Reduced no of face-to-face meetings – use of video instead

MATERIALS

- Wherever possible we purchase materials from suppliers with a commitment to achieving carbon neutrality
- Suppliers must demonstrate real changes they have implemented in their processes, procurement and premises management in order to reduce their emissions
- Suppliers must deliver materials to site on a multi-drop run, not make individual trips

ENERGY SUPPLY

- We commit to considering the environmental cost of energy production alongside and in equal measure, to its financial cost when selecting and reviewing our energy supplies

🔄 Sustainability

The company is committed to upholding the principles agreed at the Rio Earth Summit 1992 so far as our business activities are able to exert a meaningful influence.

Our approach to sustainability ensures best practice across all of our activities as well as full alignment with our clients' visions and business goals.

By applying high sustainability standards to our electrical designs, we help to achieve Very good, Excellent and Outstanding BREEAM ratings on the all of our projects.

All of the electrical schemes we design minimise energy consumption and pollution and increase efficiency.

Monitoring

As a company we constantly monitor our working practices and look for improvements. In the last 2 years we have introduced:

- Van share scheme – for workers travelling to and from site
- Car share scheme – for office-based workers
- Home working wherever possible
- Recycling plan for every project we work on
- Recycling in our offices
- Tougher supply chain assessment

We carry out spot checks on all of our construction sites, to ensure staff are following our waste management plans.

We have a scheme in place to encourage staff to submit their ideas for sustainability – as a result of this we are now introducing hybrid cars for managers and investigating electric vans for our engineers.

We are encouraging our customers to adopt our waste management plans for all of their projects. In 2020 our biggest client Apple rolled out our scheme to all of their subcontractors on all of their projects.

SUB CONTRACTORS

Before we employ the services of specialist sub-contractors, they are required to complete a sustainability pre-qualification questionnaire and provide proof of how they operate their business in a responsible and sustainable way.

➔ Management of Waste

We recognise the management of waste as a key priority for the business and that eliminating waste at source or minimising that which cannot be eliminated are two of the most effective ways in which we can reduce the impact that our activities have upon the environment.

Where waste is unavoidably produced, we recognise and accept the duty of care in respect of waste placed upon us by Section 34 of the Environmental Protection Act 1990. All contractors employed or used by the company to handle waste that we produce will be required to supply a valid Registration of Carriers Certificate before they are employed by the Company.

We will further ensure that the ultimate destination of our waste is determined and confirm that the site to which it is delivered holds a valid Waste Management License enabling it to lawfully receive and process our waste.

We shall ensure that at all times, waste is held securely to prevent its escape and that where hazardous waste is produced, that this waste is segregated from other waste streams and from other hazardous waste streams with which it may react.

Whenever waste produced as a result of our activities is removed from our site, we will ensure that relevant documentation is prepared and exchanged between ourselves and the contractor to which the waste is being passed. This documentation will then be returned to the company office and retained for the requisite period.

Finally, we will seek, at all relevant levels within the business to minimise the amount of waste sent to landfill, recognising that this consumes irreplaceable natural resources. Wherever possible, we will seek to eliminate, reduce or re-use waste before considering other options such as recycling or recovery. Land filling shall be considered a last resort.

ON SITE

We produce a waste management plan for all of our projects.

The plan is followed by our site staff to ensure waste is disposed of responsibly:

Lamps	Redundant lamps from site are returned to our offices and placed in a lamp disposal bin. The bin is emptied weekly by a registered waste carrier who takes the lamps to be recycled.
Lighting batteries	Used batteries are collected directly from site by an approved battery recycling contractor.
Cables	Waste cable is to be returned to our premises and recycled at a local recycling yard.
Metals	Waste metal such as copper is returned to our premises and recycled at a local recycling yard.
Cardboard & packaging	Cardboard and packaging is placed in a paper recycling skip on site, for collection by approved paper recycling contractor

AT OUR OFFICE

Food waste	Food waste is placed in its own bin
Non-food waste	Non-food waste is placed in its own bin
Printers	Cartridges etc are collected for re-cycling
Paper	Is collected for recycling
IT equipment	Old IT equipment (e.g. computers, printers, fax machines) are collected by an approved computer recycling contractor

Supply Chain

We only buy our electrical materials from suppliers who demonstrate their commitment to sustainability.

All suppliers have offices and / or production plants in the UK, to minimise the impact on the environment from long-distance travel.

All suppliers complete a UKE supplier sustainability assessment before we engage with them.

The table below shows the commitment to sustainability of our key suppliers:

Supplier	Items supplied	Sustainability features
Signify (Philips)	Internal lighting	<ul style="list-style-type: none"> • Ecovadis sustainability rating Platinum • Carbon neutral in all operations • Dow Jones Sustainability Index industry leader for 3 years • 90% of industrial waste recycled • 100% renewable energy used to power factories and offices
Betterman	Containment	<ul style="list-style-type: none"> • Recycle production waste back into production cycle – 923 metric tonnes of PVC per year • VBS products made from renewable raw materials including cellulose (made from wood) and bio-polyamide • Investment in new plant for the Duo-plus production process which emits 2,6000 tons less CO2 per year • Ulrich Betterman has been a permanent member of the World Economic Forum (WEF) since 1983 • Christoph Betterman school in Uganda being built using donations from the company
Edmunsons	Wholesale distribution	<ul style="list-style-type: none"> • Delivery vehicles fitted with stop/start technology & comply with Euro 6 emission standards • Currently trialling electric and hybrid delivery vehicles • Charging points installed at all premises for staff vehicles • Home working encouraged and use of public transport • Multi-drop routes used for all deliveries • PV energy generation installed at largest sites in UK • Investing in ground-source heating • LED lighting installed at all sites • Heating systems upgraded to smart technology • 100% renewable energy used to power sites • Compliant with all WEEE regulations for electronic waste • All paper used in the business is sourced from Forest Stewardship Council program (FSC) • Awarded 5-star rating Green Achiever scheme • 97% of products sourced from UK manufacturers
Omega	Lightning protection	<ul style="list-style-type: none"> • LED lighting in installed in all sites • Engineer's fitted with stop/start technology & comply with Euro 6 emission standards • Currently trailing electric and hybrid delivery vehicles • Charging points installed at all premises for staff vehicles
Holophane	External lighting	<ul style="list-style-type: none"> • ISO14001 • Objective to reduce and recycle generated waste by 20% year on year • Product design processes encompass the requirements of the EUP directive an conform to WEEE and RoHs • Packaging complies with EU 94/62/ EC packaging directive • Packaging is produced from 100% recyclable cardboard