



# **FISCHER** **Environmental Protection** Guideline

FISCHER LICHT & METALL considers itself and all persons directly associated with the company and external suppliers to have a duty to burden the natural environment as little as possible through entrepreneurial action. As our product and service activities are not possible without the use of natural resources, one focus of our efforts is to promote the sustainable use of these resources. The substitution of finite resources is an accompanying aim on this path. FISCHER LICHT & METALL puts industrial and commercial waste that is currently unavoidable into the recycling loop so that it can be returned to the raw materials economy. Another area of environmental action is energy conservation, to reduce greenhouse gas emissions and thus climate change.

We recognise our responsibility to future generations to ensure that they can enjoy a high quality of life in an intact and biodiverse environment. It is our firm conviction that by considering environmental aspects throughout the entire life cycle of our products as well as services, we can preserve and improve resources for future generations.

The company management and all employees are equally responsible for the realisation of our objectives, for ecological protection measures and the avoidance of health risks for humans and animals.

The purpose of this environmental policy is to develop a common understanding of values with coordinated environmental objectives. The regulations contained therein are intended to provide guidance in our day-to-day work and to set out the environmental behaviour we expect of ourselves and others at all times.

This guideline is therefore binding for all areas of FISCHER LICHT & METALL and for all employees. FISCHER LICHT & METALL is committed to fulfilling the legal requirements and other binding obligations regarding environmental protection.

We ask all employees in their daily work that they inform their managers openly and in confidence if there is an obvious need for action to protect the environment. In order to make this possible, we are raising the awareness of our employees through training and information about the impact of our actions on the environment.

**For questions  
about environmental protection,  
occupational health and safety  
please contact:**

**Mr. Dipl.-Ing. Helmut Sassenhausen  
Extension -141.**

## ENERGY EFFICIENCY AND RENEWABLE ENERGIES

FISCHER LICHT & METALL focuses on reducing energy consumption as well as on the use of renewable energies to improve sustainability in the provision of the necessary energy.

### **Reduction of energy consumption:**

Energy consumption is monitored, documented and "normalised" to provide a baseline against which energy efficiency targets can be set. The following measures for reducing consumption are derived from these conclusions:

- \_Replacement of energy-intensive machinery and equipment
- \_Insulation of buildings to reduce the necessary heating energy
- \_Use of heat recovery
- \_Installation of movement sensors and timers
- \_Reducing mobility through online tools

For comparable alternatives, we strive for the most economical solutions to improve energy efficiency and reduce energy consumption. Raising the awareness of our employees also represents a potential for reducing the energy consumption in daily working life. We therefore appeal to all employees to use the following **energy-saving opportunities:**

- \_Switch off lighting and devices when not in use**
- \_Use natural sunlight as often as possible**
- \_Avoid unnecessary printouts**
- \_Set the room temperature for offices at 20 to 22 degrees Celsius**
- \_Remember: Shock ventilation is more efficient than continuous ventilation.**

### **Use of renewable energies:**

The purpose of strategic business planning is to regularly check whether new opportunities arise to use renewable energies. We consider the substitution of fossil fuels with renewable energies to be a competitive factor and thus an important part of corporate policy. The following measures are currently being examined and, if necessary, implemented:

- \_Increased use of photovoltaic systems for internal power generation
- \_Switch to eco-power
- \_Use of collectors for heat generation

## GREENHOUSE GAS EMISSIONS AND AIR QUALITY

We have categorized and routinely monitor the emissions released as part of our operational processes and activities, and monitor them routinely. We are currently responsible for the following emissions:

- \_CO<sub>2</sub> emissions as part of the manufacturing process
- \_F-gas emissions as part of the manufacturing process
- \_Particulate matter emissions due to internal transport and delivery

If our emission-generating activities exceed statutory or self-imposed limit values, we take appropriate measures in accordance with the state of technology to limit and/or treat them to the permissible or justifiable level. Our primary goal in terms of immission protection is here too: Avoiding emissions is better than treating them.

We submit an annual solvent balance to the authorities in accordance with the 31st BImSchV. In doing so, we comply with the legal requirements and continuously contribute to improvements.

We are particularly concerned about the quality and absence of pollutants in the air inside the buildings where our employees work. We follow the DIN EN 16798-1:2021 standard, as indoor air quality has a major impact on the wellbeing and health of our employees.

## NATURAL RESOURCE MANAGEMENT

FISCHER LICHT & METALL strives to minimise the use and consumption of resources during production. We aim to reduce or, where possible, eliminate the consumption of raw materials, auxiliary materials and supplies, water and energy. Our quality management system provides us with valuable support in this respect by taking preventive measures to keep faulty process results to a minimum.

We consider water to be a special resource among natural resources. We follow the European Community's Water Framework Directive, which aims to achieve and maintain good status for surface waters, groundwater and coastal waters. In order to achieve the aim of "protecting water as a resource", the following measures are a priority for us:

- \_Groundwater protection through safe filling and refilling operations, as well as safe storage of water-hazardous substances
- \_Avoid sealing surfaces or using surface water to replace fresh water.
- \_Avoidance or reduction of wastewater from cleaning activities

Again, we appeal to all employees to make use of the following opportunities:

- \_Turn off the tap while soaping up your hands**
- \_Use the partial flush button or the stop button when flushing the toilet.**

## WASTE PREVENTION, RECYCLING AND WASTE DISPOSAL

FISCHER LICHT & METALL takes a systematic approach by prioritising waste prevention over recycling or recovery. By consistently separating the waste streams of all waste generated, we ensure that all waste is disposed of in an environmentally sound manner.

We ensure that waste is disposed of in accordance with the law and comply with our record keeping obligations.

In the case of waste such as chemicals or other materials that pose a risk if released into the environment, we provide the necessary evidence of waste disposal in compliance with the law.

We ensure that safe handling of these substances, their transport, storage or recycling as well as their reuse and disposal is guaranteed.

## NOISE EMISSIONS

We respond to the specific requirements of our employees as well as local communities and residents by reducing our noise emissions to a minimum through technical but also organisational measures.

## THANK YOU

Thank you for taking the time to carefully read this Environmental Protection Guideline. This guideline is managed as documented information in our management system, i.e. it is regularly reviewed and adapted as necessary to relevant requirements of interested parties.

## NOTE

Every **manager** is primarily responsible for communicating the regulations for the protection of the environment to the employees and for instructing, training and supervising them.

All **employees** have a duty to comply with environmental protection regulations and to proactively participate in improving them.

# GUIDELINES ENVIRONMENTAL PROTECTION



STAND: JANUARY 2023

The preservation of the natural environment in our region is the foundation of life for present and future generations. Environmentally conscious thinking and action is firmly anchored in our FISCHER MAXIME corporate principles. In our development, process-optimised production, packaging and logistics, we attach great importance to environmental friendliness and energy efficiency. We expect this commitment for sustainable production and distribution of our products

from suppliers and business partners and request this through our FISCHER BUSINESS PARTNER Code of Conduct

FISCHER LICHT & METALL ensures the economic success in competition through high consumer benefit, superior quality, as well as efforts to achieve the greatest possible environmental compatibility.

- 1.** We strictly comply with all legal regulations, ordinances and official requirements for environmental protection.
- 2.** The responsible and economical use of energy, water and materials is a core issue for our company. Waste, waste water and emissions are to be avoided or reduced as far as possible. This also applies to our personal behaviour in the workplace.
- 3.** Environmental protection requires responsible employees at all ranks who actively contribute to the implementation of our guidelines.
- 4.** Our managers encourage environmental awareness and responsibility among all employees and motivate them to actively protect the environment and to make continuous improvements in their areas of responsibility.
- 5.** Already during product development, we pay attention to the environmental compatibility of the individual components (e.g. LEDs) and to the sustainability of the processes. In doing so, we are constantly improving the energy efficiency of our products.
- 6.** We source our raw materials and consumables as environmentally friendly as possible.
- 7.** Our responsible chemical management operates in accordance with applicable safety and environmental legislation. Our environmental policy and activities focus on the reduction or substitution of hazardous chemicals with a major impact on the environment.
- 8.** We avoid unnecessary product movements and transports in our procurement and delivery logistics as well as in internal plant traffic.
- 9.** Machines and processes are operated not only according to the principles of occupational health and safety, but also according to the criteria of environmental protection.
- 10.** Production waste that cannot be avoided is prioritised for reuse or recycling, and otherwise disposed of in a responsible manner.
- 11.** We promote an open dialogue on the topic of environmental protection with our business partners and the public. We are pleased to receive suggestions for improvement.



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