

# Environmental Protection, Safety and Product Stewardship

## 1 Comprehensive Approach

INFICON's approach to sustainability is a comprehensive one. In its business decisions and conduct the Company takes into account economic, environmental and social aspects at both strategic and operational levels.

## 2 General

INFICON's commitment to sustainability is evidenced by the fact that all manufacturing sites, except for the newly incorporated INFICON InstruTech LLC in Longmont, Colorado, USA, are already certified according to ISO 14001:2015. With that new ISO release, all manufacturing locations are required to analyze their risks and opportunities with regards to sustainability in a systematic way and to minimize their risks. These certified locations are integrated in a joint group certificate which brings advantages with regards to communications, sharing of information, best practices and standardization of processes. And it is also planned to integrate the new location INFICON InstruTech LLC into this group approach in 2019.

INFICON also observes the standards set out in the Code of Conduct of the "Electronic Industry Citizenship Coalition (EICC)."

All manufacturing facilities observe and comply with international and regional legislation, as well as guidelines. Moreover, the Company observes the UN Security Council Report S/2006/525 regarding so called "conflict minerals."

## 3 Safety and Health at Work

Employee safety is a top priority at INFICON. The Company has endeavored for many years to prevent accidents from happening at all sites and to limit their secondary effects. To this end, employees are regularly trained and educated on work safety and health protection.

## 4 Environmental Stewardship

Environmental protection, safety and product stewardship have long been key priorities at INFICON. The first manufacturing facility already met ISO 14001 standards as early as 1998.

Environmental management means that all ecological aspects are analyzed systematically and that the corresponding need for action is identified. The manufacturing facilities are themselves in charge of setting priorities and implementing the actions they deem necessary.

The Company observes the RoHS directive 2011/65/ EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment, the European Union's REACH regulation on chemicals and their safe use, and monitors the "SVHC Candidate List" which lists substances of very high concern.

## 5 Resource and Energy Efficiency

Many INFICON products help to reduce the impact on environment:

- Leak detectors detect harmful gases which then can be sealed;
- Gauges control the production process and as a consequence reduce waste and energy consumption;
- Gas analysis products can create contamination profiles as a basis to remove the contamination.

Resource conservation is important for INFICON and is individually driven by the locations. EcoDesign is a focus area within the Company's research and development function.

### Innovation

Through its leading research and development, INFICON develops environmentally friendly products and thus meets the sustainability needs of its customers.

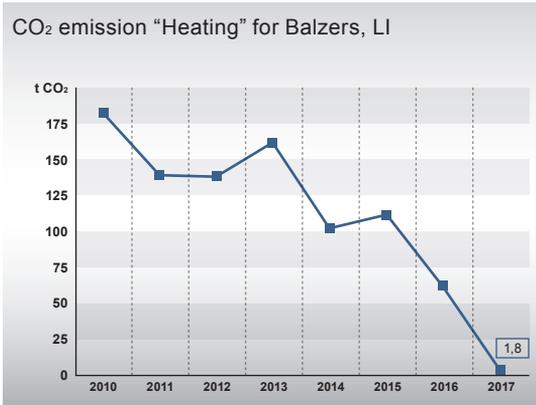
Taking into account the entire life cycle of a product, attention is paid already to the aspects of sustainability and resource efficiency at the time of developing new products. This includes as well the development

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of products with the lowest possible energy consumption throughout their whole life cycle.

## Buildings and Constructions

INFICON is constantly striving to improve its energy balance and thus optimize the emission output per location. For example, air conditioning and building technology are optimized for buildings (better insulation, better room temperature management). Today, two sites are connected to a woodchip district heating. At INFICON AG in Balzers, Liechtenstein the former natural gas heating was switched to woodchip district heating. This saves 142.4 t CO<sub>2</sub> emissions per year (Reduction 98.8%/a). For the new buildings (Cologne, Syracuse and Aaland) the latest state of the climate technology was applied. At most locations, temperature control (heating/cooling), ventilation, particle count, lighting and shading are monitored and regulated by a building management system in order to optimize the operating performance and costs.

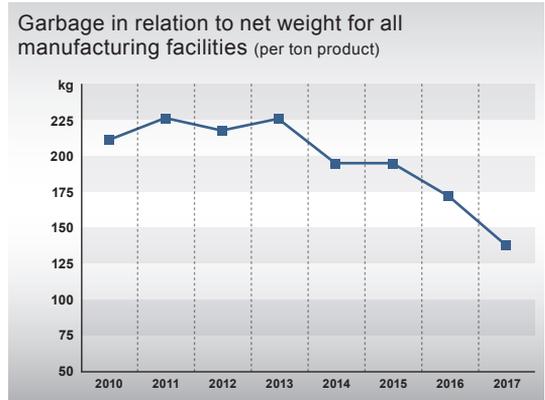


## Resources

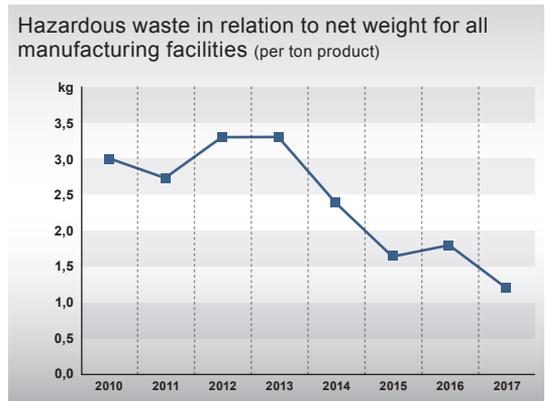
All producing locations strive to reduce their consumption of resources. To achieve this, all sites independently define their improvement measures. A monitoring is carried out by group-wide and location-related key figures.

Reducing the amount of waste is one of the company goals in context to consumption of resources. Therefore a consistent recycling of industrial waste has been implemented group wide. As an example, one production facility unit was able to reduce its abrasive consumption by 62% (7,250 kg) and ordinary waste by 51% (18,600 kg) in 2017.

Overall INFICON has reduced the garbage of all manufacturing facilities since 2013 by 39% per ton products.



At the same time, the company was able to reduce the hazardous waste of all manufacturing facilities by 63.6% since 2013.



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## Logistics

In addition to factors such as reliability and punctuality, INFICON also focus on environment-friendly transport services. In 2017 the company was able to save 25.3 t CO<sub>2</sub> emission by optimizing their supply chain in regard to airfreight transports.

## General

INFICON strives to maximize its resource and energy efficiency across the entire life cycle of its products and manufacturing facilities, beginning with the production of materials and processes, extending to their use, decommissioning and ultimate disposal. INFICON works together with its suppliers to make sure its environmental requirements are implemented by them as well.