

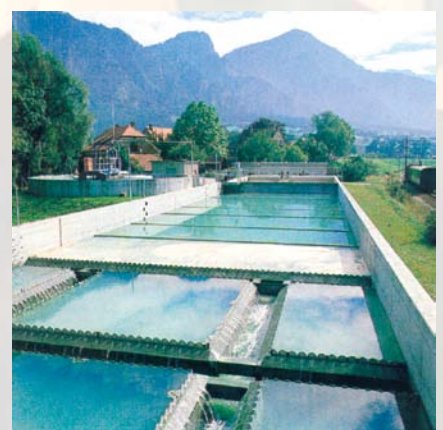
Responsibility for nature and environment



«A responsible behaviour towards nature also helps future generations to live in an intact environment.»

landqart® feels a particularly strong commitment to its ethical values. This is expressed in the form of our guideline for the future developments and in our technical competence, both of which bear special reference to the region, as well as open and honest communication. Also adding to this value complex is the protection of our nature, which we have to maintain and nurture for future generations. The protection of our nature may be well integrated as a perfectly self-evident obligation.

For us, the implementation of this very special obligation also means taking appropriate action, whether in the use of raw materials and energy or in the treatment of sewage. Furthermore, it means subjecting our own measures to permanent questioning in order to avoid submission to the danger of indifference.



ISO 14001 is a series of voluntary environmental management standards used by manufacturing companies that sell products internationally.

The FSC (Forest Stewardship Council) is a non-government, non-profit-making organisation which supports the environmentally and socially responsible as well as the workable management of all forests around the globe.

Subject: «Wood fibre raw materials»: **We act according to the principles of FSC**

The FSC quality label is thus firmly established on the landqart® agenda: we dispense with the acquisition of chemical pulp made from wood of illegal origin, from genetically modified trees or from wood taken from natural forests subjected to conservation, and refuse to use it in our paper-production. Equally we refuse to process chemical pulp, coming from regions where observation of and adherence to customary

and civil rights is not guaranteed. We aim to make the origin of the used chemical pulp transparent to our customers and, if necessary, also undertake efforts to replace raw materials of dubious origin by other material, the origin of which can be clearly traced.

We have integrated the recommendations

and regulations of the FSC into our quality management according to ISO 9001 as well as ISO 14001 and thus we have also created personal competences and responsibility. Adherence to this quality system is assured by means of regular quality audits.

Subject: «Renewable Energy Carriers»:

Company-owned hydroelectric power plant, steam from combustion of old materials

Hydroelectric power is firmly established in our region and exists in abundant quantities. Running water per se indeed represents the prototype of an important renewable energy carrier. 40% of our electric energy is acquired from our company-owned hydroelectric power plant. Environment-friendly, unobtrusive and everlasting.

Paper manufacture can be seen as the gradual removal of water from a pulp suspension. This manufacturing uses drying processes at many different points, with steam as the heating

medium. The heating systems necessary for the production of steam usually consume enormous quantities of fossil fuel. At an early stage landqart® decided to follow an unconventional direction, in order to protect our natural resources and to reduce CO₂ emissions into the environment. This involves a 6.5 km steam pipe connection from a nearby refuse incinerating plant to our company. Thus the apparent waste product finds its final destination in the drying sections of the paper machines. En route for the paper machines the steam may also pass

the turbine stage of an electric generator, thus additionally serving to produce electricity.

Subject: «Sewage Treatment»: **Sewage treatment with two biological purification stages**

Basically this is no longer a subject requiring special mention. It is primarily a question, however, of «questioning our own measures». landqart® operates a sewage treatment plant with two biological stages, wherein the amount of biological sludge is being

reduced. The principle is simple and very efficient: Respiration of the biological sludge by thermophile bacteria. This takes place in an on-site bioreactor at elevated temperatures. In this way we meet the official quality demands for purified industrial sewage.



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