

PROCESS WATER TREATMENT

Description

Increasing costs for water supply and water disposal are enhancing the attractiveness of internal water recycling plants. The goal of these plants is the repeated use of branch currents in the production. Process water cycles decrease the costs of operating materials through reclamation of valuable ingredients (chemicals, noble metals etc.) as well as thermal energy. We offer solutions for single production processes as well as for whole production facilities. By request we take care of the operation and the maintenance of these plants. As customer you can buy our product (process water) with defined quality for a fixed cubic meter price, in which all material, investment and disposal costs are included.

Inventory

Inventory includes inspection and documentation of the actual situation and defining where our techniques are applicable and consists of following phases.

- Completion of existing data basis
- Definition of saving potentials / comparison of versions
- Definition of the required process water quality
- Cost effective analysis and formulation of a decision model

Realisation and Implementation

Detailed planning includes following steps.

- Construction phase / integration of plant in technical surroundings
- Implementation and test run
- System operation
- Maintenance
- Disposal management



Membrane plant



Microfiltration plant