



EVAPORATION AND CRYSTALLIZATION

 **EVATHERM**

A company for crystallization technology





EVATHERM is a company with worldwide activities in the field of evaporation and crystallization technology. Our business is focused on the engineering, delivery of key equipment and complete turn-key installations. Our technologies are utilized in many diverse operations in the process engineering such as:

Salt works

- Salt wash- and upgrading plants
- Chemical brine treatments
- Vacuum salt plants by MVR, Multiple-effect, Recrystallization
- Salt handling and packing

Chlor-Alkali Industry

- Caustic soda concentration
- Sulphate removal by fractional crystallization
- Calcium hypochlorite recovery

Potash- and Fertilizer Industry

- Crystallization of diverse Potassium and Nitrate salts
- Effluent treatment
- Magnesium salt recovery

Detergent Industry

- Production of Na_2SO_4 salt

Power Industry

- Cooling tower effluent treatment

Pulp and Paper Industry

- Black liquor evaporation

Mining- and Metal Industry

- Contaminated water evaporation
- Metal recycling processes
- Treatment of galvanic waste water

Caprolactam Industry

- Crystallization of $(\text{NH}_4)_2\text{SO}_4$

Environment protection

- Evaporation plants for scrubber effluents
- Zero discharge systems
- Selective product or by-product recovery from waste water
- Caustic- and acid concentration plants

and many others...



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