



Efficiency in Water

We are....

- an innovative Start-Up Company with industry - experienced employee and management
- specialist for economical and ecological efficient solutions in water treatment
- familiar with the processes and requirements of your industry
- capable to deliver a broad portfolio in high quality at competitive pricing, due to our network
- a reliable partner in After-Sales-Services
- interested in YOUR success

We provide...

Process & Waste Water
Treatment - Water-Reuse



Pure & Ultrapure Water



Monitoring &
Control
Systems



... Solutions for your success

Professional
Development



Services



Chemicals



Standard
Components



Our Customers...

- Power Industry
- Food & Beverage
- Pet Food
- Chemical
- Petrochemical
- Metals
- Automotive
- Paper
- Textile
- Facility & Asset Management
- Hospitals
- Municipalities
- ...



Process & Waste Water Treatment - Water-Reuse

Technologies:

- Filters
- Multi-Media Filtration
- Ion-Exchange
- Microfiltration
- Nanofiltration
- Ultrafiltration (organic + ceramic Membrane)
- Reverse Osmosis
- Evaporator
- UV - Disinfection
- Chemical Treatment

Possible Applications:

- Contaminated Condensate
- Finishing Waste Metal Industry
- Boiler and Cooling Blow-Down
- Food & Beverage Waste Water
- Exhaust Vapours
- Process Water
- Neutralization
- Coagulation/Flocculation

YOUR BENEFITS:

- Reduced Feed Water consumption
- Reduced Waste Water charges
- Energy Savings due to Heat Recovery
- Less System Disposal
- Chemical savings
- Compliance with the Legal Requirements
- Great Return on Investment

Pure & Ultrapure Water

Technologies:

- Filters
- Multi-Media Filtration
- Fe- and Mn Removal
- Softening
- Demineralization
- Nano / Ultrafiltration
- Reverse Osmosis
- EDI
- Degassing (Thermal, Vacuum, Membrane)
- Chemical Treatment

Possible Applications:

- Boiler Feed Water
- High Pressure Steam
- Process Water
- Cleaning Water
- River Water Treatment
- Surface Water Treatment
- District Heating
- Brewing Liquor
- Feed Water for Concentrators and Sterilizer

YOUR BENEFITS:

Saving Potential due to cheaper Raw Water sources
Reduced Feed Water costs
Reduces Waste Water costs
Less Deposition and corrosion → Energy Savings
Less Feed Water consumption
Chemical Savings

Monitoring & Control Systems

Processes:

- Online-Monitoring
- Lab - Analyzer
- Fieldanalyzer

Possible Applications:

- Integrated Plant Monitoring and Control
- Additional Process control
- Documentation of Discharge Qualities

YOUR BENEFITS:

Improved Process Control
Faster and easier trouble detection
Improved accuracy in chemical dosing
Stable Processes
Efficient Operation

Standard Components

Where it makes sense we also are able to provide you with standardized components, produced in house by our partners.

For example Backwash Filters and Softener for the use in Low Pressure Heating Systems, Cooling Systems, Air Condition, Air Cleaners, etc.

YOUR BENEFITS:

Short notice delivery

Attractive pricing due to standardization

Simplified Spare Stock for multiple used components

Water Chemicals

Products:

- De-Ox Agents
- Corrosion Control
- Deposit Control
- Coagulant
- Flocculant
- Dispersant
- Biocide
- Anti Foam
- pH-Control
- Antiscalant
- Dosing Equipment

Possible Applications:

- Boiler Feed Water
- Cooling Systems
- Sanitary Systems
- Waste Water Plants
- Process Optimization and Cleaning of Membrane Systems
- Prevention of Microbiological Growth

YOUR BENEFITS:

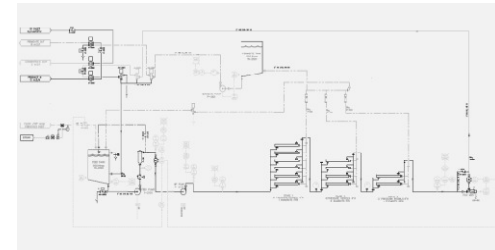
- Less Deposition
- Less Corrosion
- Improved Cleaning Cycles
- Improved Lifetime of your assets and treatment plants
- Less Down-Time and Production Losses
- Higher Efficiency
- Control EHS Risk (e.g. Legionella)

Services

As a reliable partner for our customers, we deliver high quality products as well as services.

Some examples of our Service Activities

- Consulting
- Engineering
- Water Analysis
- Site Surveys
- Maintenance
- Membrane Maintenance
- Resin Service



Reliable Service to protect your assets and improve your productivity...

Professional – Capable - Sustainable

Professional Development

As Regional Partner of the Umweltschutzakademie™ in Essen we offer qualified and certified Professional Development on an E-Learning Platform and in several organized workshops, covering environmental Topics, e.g.

- EHS Management (DIN EN 14001 / EMASII)
- Certified Service Staff for Separator (Sach- und Fachkunde für Abscheideranlagen)
- Authorized Person for Water Safety, Hazardous Material handling and Waste Treatment (Gewässerschutz-, Gefahrstoff- und Abfallbeauftragte/r)

Well Served	–	We are available for the students during the whole course for questions and support, Examination and Introduction as In-Class lectures
Time Management	–	Students make the pace, Starting at any time
Independent	–	No fixed seminar locations, possible to study part-time at a minimum of absence
Proofed Quality	–	Certified Courses, Certificates for students after passing the exam

Qualified Staff improves your environmental footprint, protects your assets, improves your productivity, acts liable and is motivated. We are pleased to further explain our concept to you.

What can we do for YOU.....?



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