

WATER

INTEGRATED WATER CHEMISTRY SOLUTIONS

Minimizing water, energy, and chemical consumption while maximizing production and asset life.

Overall Features & Advantages (programs)

Pre-treatment

- Nanofiltration & reverse osmosis
- Softeners / ion-exchange

Water pre-treatment services

- Feed water analysis and chemistry optimization
- Membrane autopsies to determine root cause of failures
- Plant surveys
- RO data normalization
- Softener elution studies
- On-site testing
- Training
- Program application manual
- Service reporting

Production and packaging cleaning and sanitation

- Corrosion rate studies
- Microbiological monitoring
- On-site testing
- Service reporting
- New system pre-operational cleaning

Wastewater treatment

- Plant audits
- Bench screening for optimization
- Service reporting
- Recommendations on best practices for chemistry make-down and addition
- Inventory management
- Testing equipment

4 AWT Certified Water Technologists on staff

Monitoring and automation assistance

Utilities - heating and cooling

- Plant surveys
- Program application manual
- On-site testing & chemistry verification
- Plant personnel training
- Microbiological testing including legionella
- Corrosion rate analysis and studies
- Equipment inspections
- Service reporting
- New system pre-operational cleaning and passivation

- Plant surveys
- Program application manual
- On-site testing & chemistry verification
- Plant personnel training
- Equipment inspections internal for watertube boilers & external for firetube
- Service reporting
- Dissolved oxygen studies
- Metallurgical analysis for root cause determination

Benefits

- Energy, gas & water savings
- Reduced waste and surcharges
- Knowledgeable consultants that know the industry
- Chemco works in teams utilizing skill sets of each team member to bring the best knowledge and ideas to our customers

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Product Categories

Pre-treatment

- Dechlorination
- Anti-scalants
- Acids / alkalies
- Membrane cleaners
- sanitizers Softeners /

Biocides /

ion exchange Resin cleaners

Cooling tower water treatment

Corrosion / scale inhibitors Microbiocides / oxidizing and

formulas

- Organic dispersants
- Defoamers non-oxidizing

Passivation chemistry

Boiler water treatment

- Oxygen scavengers
- Internal corrosion and scale Inhibitors
- Alkalinity donors
- Steam line and condensate system corrosion inhibitors

Closed system treatment

Corrosion inhibitors
Microbiocides

Boiler water treatment

- Coagulants / organic, inorganic and custom blend formulations
- Flocculants
- Acids / caustics
- Defoamers / anti-foams

Odor control



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