About Chem-Aqua

Chem-Aqua was created with the goal of providing high-quality service world-wide

- Wholly owned subsidiary of NCH Corporation, a world-renowned US company
- Established presence in the marketplace since 1919
- Unique combination of knowledge and experience in water treatment
- Leader in high-quality products, technical expertise, and specialized service
- Manufacturing according to ISO 9001 Standards and government regulations

Our Mission

Excellent results and low costs leading to savings

- We deliver environmentally responsible and cost-effective water treatment solutions
- We improve customer efficiency by conserving energy and water
- We make sure the use and application of our products is done correctly
- We build long-lasting relationships with our customers
Present around the world

We offer water treatment solutions world-wide

- Chem-Aqua® is present in 5 continents
- We have more than 25 manufacturing plants and distribution centers in over 50 countries
- Our complete family of products and services is designed to take care of virtually every water need
- Research and analytical labs in every major region of the globe

Treating water all over the world.
Tratando agua en todo el mundo.
Traitant l’eau partout dans le monde.
Behandlung Wasser auf der ganzen Erde.
Tratando água pelo mundo inteiro.
Chem-Aqua® keeps your systems operating at peak efficiency with minimal cost, time, and effort.

Water Treatment Solutions

Chem-Aqua provides customized programs designed to solve your water treatment problems

We treat systems in every major industry. This experience gives us the expertise to precisely design a program that meets your needs based on an in-depth survey of your facility.

Program Solutions

Our water treatment solutions include

- Cooling Treatment
- Boiler Treatment
- Pretreatment Equipment
- Application Equipment
- Process Treatment
- Biological Treatment
- Effluent Treatment
- Potable Treatment
- Compliance Assistance
- Resourcefully Green®
- Water Conservation
- Energy Minimization
Chem-Aqua® Services

Services that make a difference

The services available under our water treatment programs include

- Regular site service visits with field tests and reports
- Immediate and correct interpretation of the test results and field recommendations
- Routine monitoring of pretreatment and application equipment
- Inventory management
- Equipment inspections
- Management meetings to communicate program results
- Experienced technical support
- Effective training programs
- SMART™ software to help monitor and control your custom-designed water treatment program
- Modern, well-equipped analytical laboratories
- Cutting edge research and technology
- Full range of advanced water treatment equipment
- Energy and water management
- Specialized mechanical services
Chem-Aqua® Water Treatment Solutions

**Thermal Storage Tank**
**PROBLEM**
- Corrosion
- Bio-fouling

**IMPACT**
- System inefficiency
- Contamination
- System Failure

**Open Recirculating Cooling Tower**
**PROBLEM**
- Scale
- Corrosion
- Bio-fouling
- Sludge

**IMPACT**
- Poor heat transfer
- System wear
- Clogging
- Restricted flow
- Production downtime

**Closed Recirculating Chilled Water**
**PROBLEM**
- Corrosion
- Fouling
- Sludge

**IMPACT**
- Poor heat transfer
- Clogging
- Equipment wear
- Comfort “hot calls”

**Hot Water Recirculating Boiler**
**PROBLEM**
- Corrosion
- Fouling
- Sludge

**IMPACT**
- Poor heat transfer
- Clogging
- Equipment wear
- Comfort “cold calls”

**Fuel Oil Storage**
**PROBLEM**
- Sludge
- Water

**IMPACT**
- Fuel loss
- Contamination
- High maintenance costs

**Feed and Control Systems**
**PROBLEM**
- Poor treatment program
- Improper dosages
- Employee safety

**IMPACT**
- High treatment costs
- Poor treatment results
- Lost time
Heat Exchangers
**PROBLEM**
- Scale
- Corrosion

**IMPACT**
- High temperatures
- Downtime

Steam Condensate Lines
**PROBLEM**
- Corrosion

**IMPACT**
- Contamination
- Steam loss
- Increased energy costs

High / Low Pressure Steam Boiler
**PROBLEM**
- Scale
- Corrosion
- Carryover

**IMPACT**
- Poor heat transfer
- Tube failure
- Contamination

Pre-treatment Softeners / Deaerators
**PROBLEM**
- Poor efficiency
- Fouling

**IMPACT**
- High treatment costs
- High fuel costs

Reverse Osmosis
**PROBLEM**
- Deposits
- Oxidizers

**IMPACT**
- Restricted Flow
- Membrane Replacement

Process Cooling Water
**PROBLEM**
- Scale
- Corrosion
- Bio-fouling
- Sludge

**IMPACT**
- High energy costs
- System failure
- Production downtime
- Production slow down

Wastewater Treatment
**PROBLEM**
- Grease / oils
- Heavy metals
- Sludge
- BOD / COD

**IMPACT**
- Increased sewage costs
- Waste management fines
- Possible plant shutdown

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Sustainability Initiative

Resourcefully Green® Resource Management

We are committed to providing environmentally responsible and economically viable water treatment solutions that conserve energy and water while protecting the health and welfare of people and the environment.