


**BAKER  
HUGHES**  
a GE company



# Industrial Water Management and Treatment Solutions

Energize your water

A dynamic splash of water in shades of blue, moving from the bottom right towards the top left, set against a solid blue background.

Whether you're operating a power plant, refinery, steel mill, petrochemical plant, or other heavy industrial plant, water treatment is key to effective operations. Water use is critical to cost control and system reliability, and plant profitability is influenced by sound water management practices.

### Turn water into an opportunity, not a nuisance

Baker Hughes, a GE company (BHGE), industrial water management and treatment solutions provide engineering services, chemical treatment, and advanced equipment to meet your water treatment needs. Whether you're using water for heating, cooling, stripping, or acting as a carrier, we help you reduce operating costs through effective treatments that are safe and environmentally compliant.

Our breadth and knowledge in the hydrocarbon industry help us better understand the market needs and unique challenges in the industrial water market.

### Maximize performance with influent water treatment

Whether it's filtration, raw water clarification, or demineralization challenges, we'll develop and deploy site-specific treatment programs that meet or exceed operating cost and performance targets.

### Lower costs with cooling water treatment

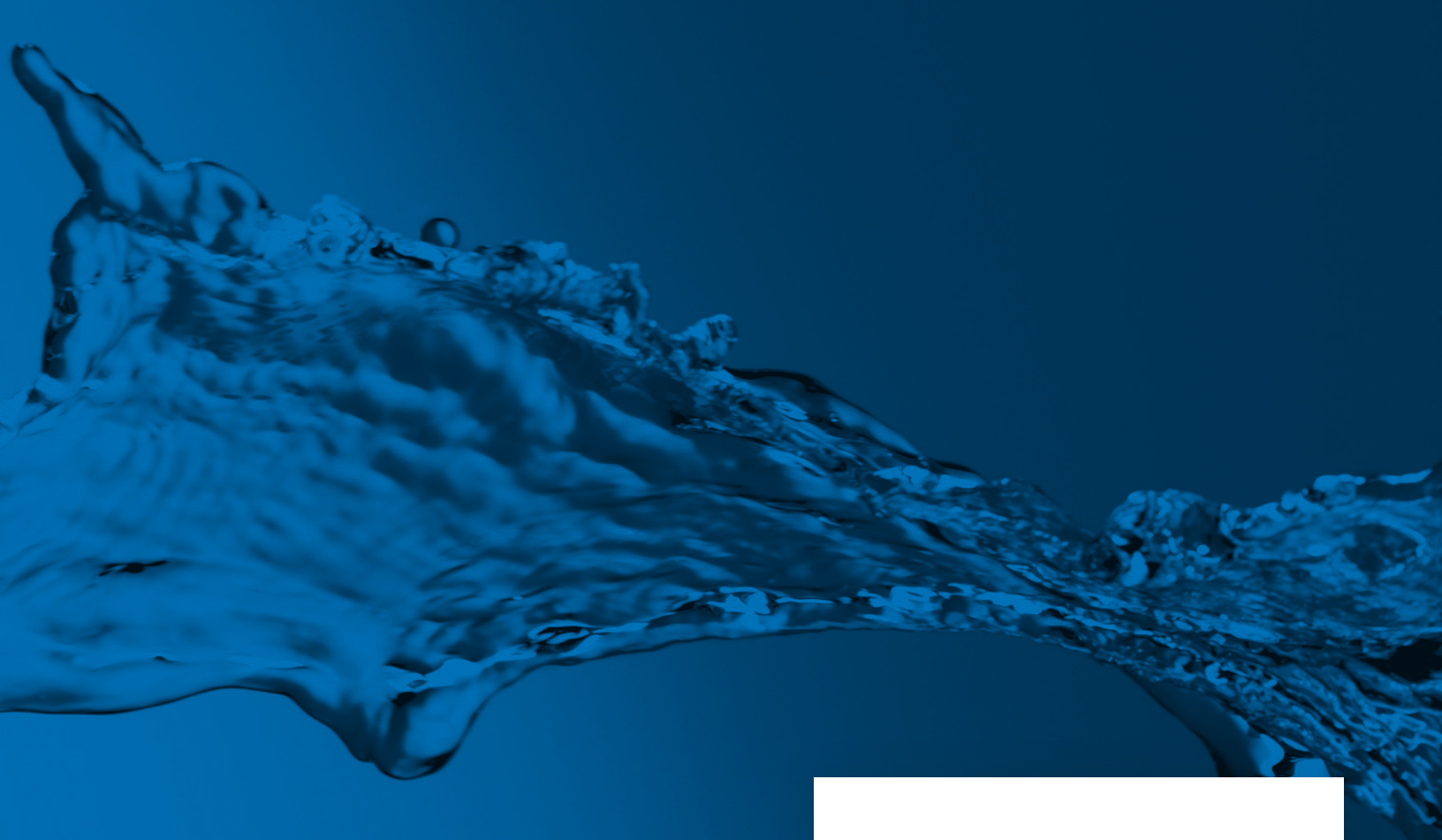
The BHGE TOTAL SYSTEMS APPROACH™ process allows us to develop a complete understanding of your cooling system—from the raw makeup water, to the bulk water and blowdown, to your waste stream. It also ensures careful consideration of the impact of any proposed changes on the plant, and maximizes both heat exchange performance and overall plant operation. Production objectives remain intact, while operating and equipment costs go down, through monitoring and control of scale, corrosion, and microbiological challenges.

### Improve boiler system performance

Whether it's the water-side or combustion-side of your boiler systems, our approach keeps boiler equipment clean and operating efficiently.

### Increase wastewater treatment efficiency

Increase plant reliability by making your wastewater treatment facility more efficient and resilient to upsets. We'll maximize wastewater plant performance while maintaining environmental compliance.



## Engineering services

Our technology experts work with you to design, implement, and monitor specialty chemical treatment programs customized to fit your plant's needs. We have a long history of responding quickly to customer needs to improve profitability, reliability, and environmental compliance. Our offerings are backed by industry-leading technical support, with over 100 years of experience around the world.

## Chemical programs

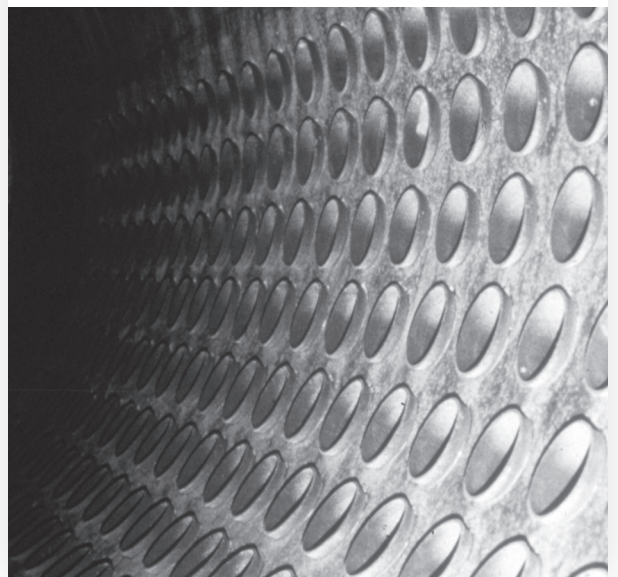
Our branded chemistries are designed to provide the highest actives that are fit-for-purpose for your utility systems. And when you have a new or unique challenge, our research and development teams can create customized solutions for your specific water problems.

## Equipment

BHGE started as a tool company, and that legacy of innovation in the oil and gas industry gives us the knowledge to recommend the right tools, or to realize when a new tool is needed. Through years of research, testing, and use in the field, our equipment is proven to be able to withstand harsh industrial environments and successfully complete the job.

## Energize your water systems and make utilities work for you

Your water systems need to be treated by a professional service provider big enough to handle all of your needs, agile enough to respond to unique operational changes, and experienced enough to be proactive. BHGE industrial water management and treatment solutions were created to do that and more.





	<b>BHGE Offering</b>	<b>Benefit</b>
<b>Engineering Services</b>	LeakGuard™ leak detection and mitigation services	Fast track contaminate identification
	Cooling tower studies	Improve cooling tower performance
	Heat exchanger monitoring program	Streamline exchanger maintenance
	Respirometry studies	Maximize wastewater treatment performance
	Dearator performance studies	Minimize corrosion in boiler feedwater and condensate systems
	TOTAL SYSTEMS APPROACH™ process	Integrate all recommendations for maximum impact
	DemandTrac™ PLUS cooling water chemicals	Maximize efficiency of your cooling tower system
	MULTIPLEX™ boiler water treatment	Maintain maximum fuel economy
<b>Chemical Treatment Programs</b>	GUARDION™ pretreatment	Keep your reverse osmosis membranes running at peak performance
	SPECTRAFLOC™ polymers	Increase solids/water separation efficiency
	CHEMCROBE™ bacteria	Strengthen bioplant performance
	BioKlenz™ oxidizing biocide	Superior oxidizing biocide performance
<b>Advanced Equipment</b>	VIVID™ smart controller	Maximize water use and improve control in cooling and boiler systems
	LeakTrap™ hydrocarbon detectors	Provide visual confirmation of a leak to help isolate contaminant
	LeakID™ rapid hydrocarbon identification system	Quickly identify and narrow the range of leaking exchanger suspects
	BioKlenz™ reactor	Provides safe generations of chlorine dioxide

Contact your BHGE representative today or visit [bhge.com/IndustrialWater](http://bhge.com/IndustrialWater) to learn how we can help energize your water.

[bhge.com](http://bhge.com)

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