



AQUA REGIA
PRIVATE LIMITED



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*Helping Industries
to achieve
Sustainable Growth*

Why CHOOSE AQUA REGIA

DISCOVER NEW HORIZONS OF WATER TREATMENT TECHNOLOGY

OUR FIELDS OF WORK

Aqua Regia is always first choice of our clientele because we are providing customers with water treatment services that maximize system effectiveness through a unique combination of high-quality products, and superior technical expertise. We bring together experienced Engineers and other professionals and advanced technologies to tackle the world's most complex challenges related to water scarcity, quality, productivity and the environment.

Aqua Regia (pvt) Ltd offers the most comprehensive set of chemical and equipment solutions and related services that helps our customers to optimize their water resources and make the best utilization of their assets resulting in higher value.

- *Cooling water treatment*
- *Boiler water and fireside treatment*
- *close circuit water treatment*
- *critical metallurgy cleaning chemicals*
- *effluent water treatment chemicals*
- *Industrial water treatment equipment*
- *Waste Water Treatment*
- *Reclamation and Reuse*
- *Water Quality Monitoring*
- *Zero Liquid Discharge*
- *Operations and maintenance project services*

BOILERS

Aqua Regia excels in providing customized boiler water treatment solutions to address common boiler problems such as corrosion, deposition, and scaling as well as much complex client-specific issues.

We also have Holistic programs that combine chemistry, equipment, data analytics and field services to address any of your issues, at your disposal as and when required.



OUR FIELDS OF WORK

HELAMINE

Aqua Regia proudly presents HELAMIN, which is an all-in-one mixture of neutralizing amines, an organic corrosion inhibitor, and a dispersant, that effectively treats the water-steam cycle without multiple chemical feed points. Filming Polyamines for Boiler Water & Steam Treatment - Optimal Boiler water treatment and Steam purity are of utmost importance in order to optimize overall operational efficiency of industrial installations that we ensure through our customized solutions that best suits your needs.



THERE IS NO BEST SOLUTION OTHER THAN THAT MEET YOUR CUSTOMIZED NEEDS

OUR FIELDS OF WORK

OUR FIELDS OF WORK

COOLING TOWERS

Aqua Regia has the most innovative solutions for cooling water systems. Corrosion, deposition, fouling, and biological growth can derail your operations. Our combination of cooling tower treatment chemicals, software, and industry expertise can help prevent these issues or aid in the recovery from a failure event. Aqua Regia offers a variety of cooling tower chemicals designed to address the specific needs of your facility. Our well-trained, seasoned engineering and technical service representatives are devoted to helping identify the best solution for operational issues.



NOVOTRAQUA

Aqua Regia is well experience working with a renowned Water Treatment Company, NovoChem The Netherlands.

Through the continuous efforts, NovoChem has formulated the very high efficient BIO-DEGRADABLE products under the brand name of NOVOTRAQUA, NovoTraqua makes water system cleaner, consequently, higher efficiency, lower energy consumption, less maintenance and lower costs can be established.



EQUIPMENT



Aqua Regia has best-in-class knowledge and expertise when it comes to pretreatment for all industrial processes. We will work with you to both optimize your current pretreatment system, and provide consultation on system improvements.

- *Conventional filtration*
- *Multimedia filter*
- *Self Cleaning filter*
- *Activated carbon filter*
- *Arsenic filter*
- *iron removal media*
- *Side stream filter*
- *Softeners*
- *Ultra-filtration*
- *Nano filtration*
- *Reverse osmosis*
- *Reverse osmosis for brackish water*
- *Reverse osmosis for sea water*
- *Drinking water plants*
- *Electric de-ionizers*
- *Demineralizers*
- *Mix bed filters*
- *Metering pumps*
- *Effluent treatment plants*
- *Ozonation*
- *Ultra-violet systems*
- *Dosing and control system*
- *PH/ORP measuring instruments*
- *Conductivity monitoring*
- *Silica analyzers*
- *Turbidity measure scales*
- *Lab equipment*

OUR FIELDS OF WORK

OUR SUCCESS IS NOT AN ACCIDENT, IT IS THE HARD
WORK, PERSEVERANCE, SWEAT AND CONTINUOUS
LEARNING

OUR FIELDS OF WORK

INDUSTRIAL WASTE WATER TREATMENT

Aqua Regia (pvt) Ltd delivers solid solutions for sustainable water use & resource recovery, with the highest level of intelligent innovations across a wide range of industries. We meet today's challenges as well as those of the future, as a response towards a circular economy in a 'fluid' world. To accommodate the customer requirements, Aqua Regia (pvt) Ltd offers customized installations, to create profit out of (waste)water, process water and waste.

At Aqua Regia (pvt) Ltd it is our mission to help customers to reduce, reuse and recover water and resources to create profit. We help our valued customers to meet their increasingly demanding sustainability requirements, lower their environmental footprint, combine productivity and energy efficiency and reduce life cycle cost at the same time.



OPERATIONS & MAINTENANCE PROJECTS

Aqua Regia Pvt Ltd, is one of the leading companies in Pakistan carrying the operation and maintenance of Power plants, all around the Pakistan, successfully since 2003. We are providing complete water treatment and services with operation including cooling water system, Boiler water side treatment, Utilities (RO, Softener, Demin, EDI, Recycling, SSF and Multimedia). This may cover:

- Production of good quality water for industrial equipment
- Treatment of recycle water to make re-consumable
- Desalination (brackish water, sea water)
- Urban wastewater treatment
- Re-use of de-polluted urban wastewater



OUR PROJECTS

WELL DONE IS ALWAYS BETTER THAN WELL SAID AND OUR WORK SPEAKS FOR ITSELF

OUR PROJECTS

MAPLE LEAF CEMENT GROUP INCL. COAL FIRE POWER PLANT



- RO PLANTS WITH PRODUCT FLOWS OF 10, 17 AND 20 M³/HOUR
- SIDE STREAM FILTRATIONS OF PRODUCT FLOW OF 175 AND 27 M³/HOUR
- ULTRA FILTRATION WITH PRODUCT FLOW OF 30 M³/HOUR
- EDI WITH PRODUCT FLOW OF 30 M³/HOUR

HAMZA SUGAR MILLS



WASTE WATER TREATMENT
500 M³/HOUR



MULTIMEDIA FILTER
PRODUCT FLOW 2000 M³



EDI
PRODUCT FLOW 200 M³

DG KHAN CEMENT

DAO AL-JOMIAH (BASRA, IRAQ)

BESTWAY GROUP OF COMPANIES



- MULTIMEDIA FILTRATION PLANT - FLOW 125 M³/H
- ACTIVATED CARBON FILTER - 45 M³/H
- RO PLANTS:
- CANAL WATER SITE - 50 M³/H
- WHRPP - 45 M³/H
- CFPP (COOLING TOWER) - 50 M³/H
- CFPP (BOILER UTILITY) - 40 M³/H
- SOFTENING PLANT - 65 M³/H
- DRINKING WATER PLANTS FOR WHOLE GROUP



- SAND FILTER - PRODUCT FLOW 100 M³
- ACTIVATED CARBON FILTER - PRODUCT FLOW 100 M³
- RO PLANT 1ST PASS - 75 M³
- RO PLANT 2ND PASS - 65 M³
- MIX BED (CATION AND ANION) - PRODUCT FLOW 50 M³



SOFTENING PLANT
PRODUCT FLOW 20 M³



RO/RECYCLING RO PLANTS
RECYCLING PRODUCT FLOW 30 M³
RO PRODUCT FLOW 6 M³
RO PRODUCT FLOW 12 M³
RO PRODUCT FLOW 15 M³



EDI
PRODUCT FLOW 10 M³



DRINKING WATER PLANTS
FOR WHOLE GROUP OF BESTWAY

WE TREAT OUR CUSTOMERS LIKE GUESTS
AND EMPLOYEES LIKE PEOPLE

INDUSTRIES
WE SERVE

INDUSTRIES
WE SERVE



FOOD & BEVERAGES



CEMENT



TEXTILE



*POULTRY & MEAT
PROCESSING*



OIL & GAS



BATTERY MANUFACTURING



SUGAR



POWER & ENERGY



AUTOMOBILE



PHARMACEUTICAL



GLASS



HOTELS



OUR GLOBAL AFFILIATIONS

WE LOVE WHEN YOU TALK TO US! SAY US HELLO..

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