

Why CHOOSE A Q U A R E G I A

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.

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.



- 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

OUR FIELDS OF WORK



BOILERS

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.



OUR
FIELDS OF
WORK

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

OUR FIELDS OF WORK

COOLING TOWERS

NOVOTRAQUA

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.



Aqua Regia is well experience working with a renowned Water Treatment Company, NovoChemThe 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.













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 filer
- 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 & MAINTENENANCE 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 proving 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





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

OUR PROJECTS

MAPLE LEAF CEMENT GROUP INCL. COAL FIRE POWER PLANT

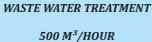




- RO PLANTS WITH PRODUCT FLOWS OF 10, 17 AND 20 M3/HOUR
- SIDE STREAM FILTRATIONS OF PRODUCT FLOW OF 175 AND 27 M3/HOUR
- ULTRA FILTRATION WITH PRODUCT FLOW OF 30 M3/HOUR
- EDI WITH PRODUCT FLOW OF 30 M3/HOUR

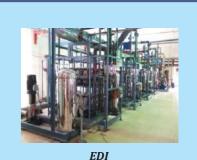
HAMZA SUGAR MILLS







PRODUCT FLOW 2000 M³



PRODUCT FLOW 200 M³

DG KHAN CEMENT



- MULTIMEDIA FILTRATION PLANT FLOW 125 M³/I
- ACTIVATED CARBON FILTER 45 M³/H
- RO PLANTS:
- CANAL WATER SITE 50 M³/H
- WHRPP $45 M^3/H$
- CFPP (COOLING TOWER) 50 M³/H CFPP (BOILER UTILITY) - 40 M3/H
- SOFTENING PLANT 65 M³/H
- DRINKING WATER PLANTS FOR WHOLE GROUP



DAO AL-JOMIAH (BASRA, IRAQ)



- 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



BESTWAY GROUP OF COMPANIES



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



PRODUCT FLOW 10 M³

BESTWAY



INDUSTRIES WE SERVE

WE TREAT OUR CUSTOMERS LIKE GUESTS AND EMPLOYEES LIKE PEOPLE

INDUSTRIES WE SERVE



FOOD & BEVERAGES



SUGAR



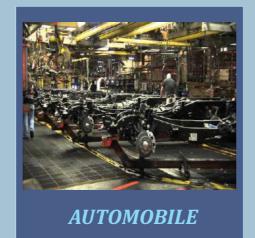
CEMENT



POWER & ENERGY



TEXTILE



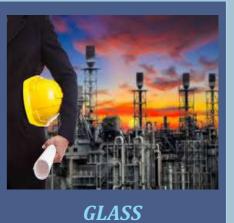
POULTRY & MEAT PROCESSING





OIL & GAS









HEAD OFFICE



33, G - 4, JOHAR TOWN, LAHORE, PAKISTAN.



+92 42 35314131-2



info@aquaregiapk.com

HEAD OFFICE



33, G - 4, JOHAR TOWN, LAHORE, PAKISTAN.



+92 42 35314131-2



info@aquaregiapk.com

HEAD OFFICE



33, G - 4, JOHAR TOWN, LAHORE, PAKISTAN.



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