



Specialized Water Technologies

OUR MISSION

- STRIVE TO STAY AHEAD OF OUR CUSTOMERS NEXT CHALLENGE.
- MATCH EACH CUSTOMER'S UNIQUE PROCESS WITH THE RIGHT PEOPLE.
- BRINGING THE RIGHT EXPERIENCE.
- OFFERING THE RIGHT TECHNOLOGY.
- PROVIDE SPECIALTY CHEMICALS FOR WATER-INTENSIVE INDUSTRIES.
- BUILDING DEEP BUSINESS PARTNERSHIPS

SWT OVERVIEW

- CUSTOMER-FOCUSED SALES AND SERVICE TEAM WITH OVER 30 YEARS OF EXPERIENCE
- PROVIDE SOLUTIONS FOR INDUSTRIAL APPLICATION AND RESIDENTIAL SECTOR.
- PROVIDE SOLUTIONS FOR POWER, PETROCHEMICALS, REFINERIES, STEEL, MINING, F & B AND MUNICIPAL SECTOR.
- OUR SOLUTION INCLUDES SPECIALTY CHEMICALS AND EQUIPMENT FOR BOTH INDUSTRIAL AND COMMERCIAL AND RESIDENTIAL.
- **PROVIDE SAFE AND ENVIRONMENTAL SOLUTION TO MEET LOCAL REGULATIONS.**
- **DELIVERING**
- RESULTS THROUGH DEEP
- PARTNERSHIPS WITH CUSTOMERS.
-
- **OPTIMIZING**
- IMPROVING EVERY ASPECT OF YOUR BUSINESS.

PROCESS SOLUTION

- [BIOCIDE](#)
- [BIOREFINING PROCESS AID](#)
- [CORROSION INHIBITOR](#)
- [DEFOAMER](#)
- [MINING & MINERAL PROCESSING AID](#)
- [OIL & GAS PROCESS AID](#)
- [SCALE INHIBITOR](#)

WATER TREATMENT SOLUTION

- [RAW WATER TREATMENT](#)
- [BOILER WATER TREATMENT](#)
- [COOLING WATER TREATMENT](#)
- [WASTEWATER TREATMENT](#)
- [DESALINATION WATER TREATMENT](#)
- [PROCESS TREATMENT FOR MINING AND P&P](#)



MONITORING AND CONTROL SOLUTION

- CONTROLLER
- ANALYZER
- DATA MANAGEMENT

INFLUENT TECHNOLOGY

- **INNOVATIVE PRODUCTS**

- **COAGULANTS**

- **INORGANIC & ORGANIC**
- **RO MEMBRANE COMPATIBLE**

- **FLOCCULANTS**

- **MICROBIOLOGICAL CONTROL PROGRAMS**

- **NON OXIDIZING BIOCIDES**
- **OXIDIZING BIOCIDES**

- **CORROSION INHIBITORS**

- **ANTISCALANTS & ANTIFOULANTS**

- **IRON AND MANGANESE**

- **DISPERSANT**

- **BIOFILM DISPERSANT**

Programme Benefits

- **Asset protection**
- **Ensure quality standards**
- **Reliable water production**
 - **Cost effective**
 - **Quality requirements on spec**
- **Minimize raw water variations on process and product quality**
- **Safe chemical handling practices**

Specialised Services

- **Applications expertise**
- **Diagnostic expertise**
- **Critical analysis**
 - **Water**
 - **Microorganism identification**
 - **Metallurgy**
- **Advanced feed and control**
 - **Automated chemical control system**
 - **Microbiological control chemical feed management**
- **Vital Few Audits**
- **Best Practices Audits**

MEMBRANE TECHNOLOGY

- **INNOVATIVE PRODUCTS COAGULANTS**
 - RO MEMBRANE COMPATIBLE
- **DEPOSIT CONTROL**
 - ANTISCALANTS
 - ANTIFOULANTS
- **MICROBIOLOGICAL CONTROL**
- **PROGRAMS**
 - NON OXIDIZING BIOCIDES
 - OXIDIZING BIOCIDES
- **MEMBRANE CLEANERS**

Programme Benefits

- **Asset protection**
- **Reliable Pure Water production**
- **Extended equipment life**
- **Avoidance of costly unscheduled maintenance and cleaning procedures**
- **Water savings**
- **Increased energy efficiency**
- **NSF std 60 approved chemicals**

Specialised Services

- **Applications expertise**
- **Critical analysis**
 - Water
 - Deposit
 - Inorganic
 - Organic
 - Membrane Autopsy
- **Advanced feed and control**
 - Automated chemical control system
 - Online Scale Measurement
- **Vital Few Audits**
- **Best Practices Audits**
- **Modeling and Pretreatment Calculations**



BOILER TECHNOLOGY

- **INNOVATIVE PRODUCTS FOR UTILITY AND POWER**
- **PLANTS**
- **CORROSION CONTROL**
- **DEPOSIT CONTROL**
- **FIRESIDE DEPOSIT AND**
- **CORROSION CONTROL**
- **INVESTMENT PROTECTION**
- **PROGRAMS**

Programme Benefits

- **Asset protection**
- **Reliable steam / electricity production**
- **Extended equipment life**
- **Avoidance of costly unscheduled maintenance**
- **Water conservation**
- **Increased energy efficiency**
- **Leak detection / safety**
- **Limited use of CMR classified products.**
- **Compliant with European Standard EN12952-12 and EN12953-10**



Specialised Services

- **Applications expertise**
- **Critical analysis**
 - **Metallurgical**
 - **Water**
 - **Deposit**
- **Advanced feed and control**
 - **Boiler Water control for coordinated phosphate-pH chemistries**
 - **Leak detection systems**
 - **Automated chemical control system**
- **Monitoring and sampling programs**
- **Vital Few Audits**
- **Best Practices Audits**

COOLING WATER TECHNOLOGY

- **INNOVATIVE PRODUCTS**
CORROSION AND DEPOSITION

- **CONTROL PROGRAMS**

- **ONCE-THROUGH SYSTEMS**
- **OPEN RECIRCULATING SYSTEMS**
- **CLOSED SYSTEMS**

- **MICROBIOLOGICAL CONTROL PROGRAMS**

- **NON OXIDIZING BIOCIDES**
- **OXIDIZING BIOCIDES**
- **BIO-FILM DISPERSANTS**

Programme Benefits

- **Asset protection**
- **Extended equipment life**
- **Reliable and efficient process heating and cooling**
- **Minimize AOX rejection**
- **Discharge compliance**
- **Minimize water consumption**
- **Legionella compliance**
- **Avoidance of costly shutdowns**
- **Safe chemical handling practices**

Specialised Services

- **Applications expertise**
- **Diagnostic expertise**
- **Critical analysis**
 - **Metallurgical**
 - **Water**
 - **Deposit**
 - **Microorganism identification**
- **Advanced feed and control**
- **Vital Few Audits**
- **Best Practices Audits**



WASTEWATER TECHNOLOGY

- **INNOVATIVE PRODUCTS**

- **COAGULANTS**

- **INORGANIC**
- **ORGANIC**
- **MIXTURES**

- **POLYMERS**

- **GRANULATES**
- **EMULSIONS**

- **ODOR CONTROL PROGRAMS**

- **ANTISCALANTS FOR WASTE WATER RECYCLE AND EFFLUENT LINES**

- **ANTISCALANTS**

- **-ON-LINE SCALE MONITORING**

- **SLUDGE DEWATERING POLYMERS**

- **BELT PRESS**
- **CENTRIFUGE**
- **FILTER PRESS**

- **ANTIFOAMS AND DEFOAMERS**

- **SLUDGE DEAERATION**
- **SURFACE DEFOAMER**

Programme Benefits

- **Environmental compliance**
- **Water re-use**
- **System sustainability and Reliability**
- **Safe chemical handling practices**
- **Improved cake formation and sludge dryness**

Specialised Services

- **Applications expertise**
- **Diagnostic expertise**
- **Environmental Services**
- **Critical analysis**
 - **Microorganism identification**
 - **Water**
 - **Foam testing**
- **Advanced feed and control**
 - **Automated chemical control system**
 - **Activated sludge management software**

Vital Few Audits

Best Practices Audits



Water Treatment Equipment Industrial and Residential



WATER TREATMENT EQUIPMENT DIVISION

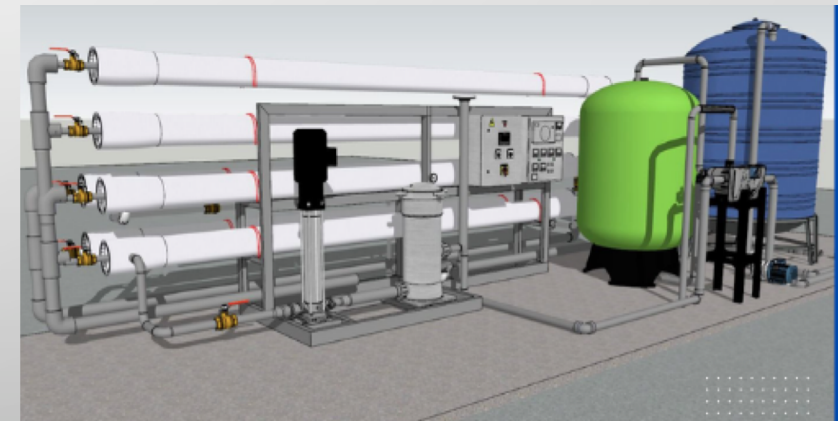
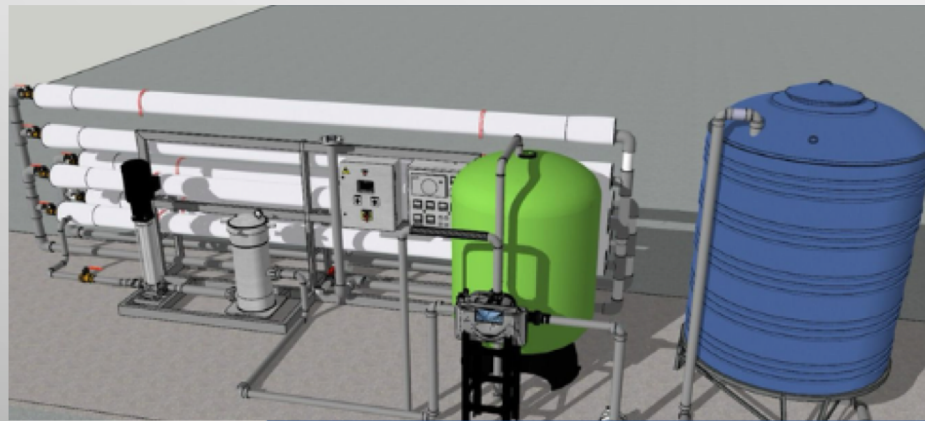
Regardless of whether we're talking about drinking water preparation, wastewater treatment or chemicals for swimming pools, clean water is hugely important in all of these areas. Our Water Technology Division ensures that people can use live-giving water as well as possible – in a clean and environmentally friendly way.

In order to improve the quality of the water consumed, there are special equipment. It helps to remove harmful chemical impurities, biological contaminants, as well as unpleasant odors from the water, making it suitable for drinking. Water purification systems for industrial or domestic purposes can be ordered from specialized companies and one of these specialized water technologies



3D MODELING

- WE GUARANTEE QUALITY, EFFICIENCY, SECURITY OF SUPPLY AND RELIABILITY OF OPERATION FOR OUR CUSTOMERS - COMPLEMENTED BY STATE-OF-THE-ART ANALYTICS, EXPERT ADVICE AND TECHNICAL SUPPORT.
- AS SUPPLIERS WE SEE OURSELVES AS AN IMPORTANT PARTNER FOR OUR CUSTOMERS, THE WELFARE OF OUR CUSTOMERS IS THE MAIN GOAL OF OUR WORK. WE CONSTANTLY TRY TO PROVIDE SOLUTIONS TO OUR PARTNERS.
- WE PREPARE 3D ENGINEERING MODELS OF OUR PROJECTS BEFORE IMPLEMENTING THEM.



OUR PRODUCTS

We offer a large selection of pre-engineered treatment systems to meet the specific needs of any sized commercial or industrial application. Our extensive experience in engineering and manufacturing allows us to leverage our vast library of pre-engineered solutions to customize a water treatment solution that best fits the specific needs of each customer.



Reverse Osmosis RO & Water Treatment Systems | Industrial & Commercial



Parts & Components for Reverse Osmosis RO & Water Treatment



Residential Products

RUNXIN FULLY AUTOMATIC CONTROL VALVES

RUNXIN WAS FOUNDED IN 2000, (FULL NAME WENZHOU RUNXIN MANUFACTURING MACHINE CO) SPECIALIZES IN THE MANUFACTURE OF CORROSION-RESISTANT CERAMIC BALL VALVES, WATER PURIFIERS AND SOFTENERS, AND MULTI-FUNCTION VALVES FOR WATER TREATMENT SYSTEMS. AS EARLY AS 2005, ENGINEERS AT THE RUNXIN HEADQUARTERS IN WENZHOU CITY, CHINA, SUCCEEDED IN DEVELOPING THE FIRST MULTIFUNCTION VALVE FOR WATER TREATMENT SYSTEMS IN THE LINE.



Single Softener Valves



Duplex Softener Valves



Filter Valves

REVERSE OSMOSIS SYSTEMS

- SKID MOUNTED UNITS: THE RO SYSTEM IS ASSEMBLED ON A SINGLE STAINLESS STEEL SKID, MAKING IT CONVENIENT FOR TRANSPORTATION & REPOSITIONING WITHOUT DIFFICULTY OF INTEGRATING COMPONENTS INDIVIDUALLY AT SITE. EACH UNIT IS FIXING USING PVC INTERCONNECTING PIPING & CAN BE OPERATED IMMEDIATELY BY CONNECTING INLET-OUTLET PIPES AND POWER SUPPLY



WATER SOFTENERS

- SERIES OF FULLY AUTOMATIC, RELIABLE AND CORROSION RESISTANT WATER SOFTENERS IS DESIGNED FOR THE REMOVAL OF HARDNESS IONS FROM WATER SUPPLIES AND THUS PREVENTING THE SCALE DEPOSITIONS ON METALLIC SURFACES. SINGLE UNIT OR DUPLEX TWIN – ALTERNATING SYSTEMS AVAILABLE TO ENSURE CONTINUOUS SUPPLY OF SOFT WATER AND AVOID INTERRUPTIONS DURING REGENERATION TIMES. SOFTENERS ARE TYPICALLY USED FOR THE TREATMENT OF BOILER FEED WATER IN INDUSTRY, LAUNDRIES AND RESIDENTIAL APPLICATIONS.



DUPLEX WATER SOFTENERS

- DUPLEX SOFTENERS ENSURE UNINTERRUPTED FLOW OF SOFT WATER THROUGHOUT THE DAY.
- ONE RESIN TANK IS ALWAYS IN SERVICE, WHILE THE OTHER TANK IS IN STANDBY.
- WHEN THE METER DETERMINES THAT THE RESIN IS NEAR ITS CAPACITY, IT WILL SWITCH THE TANK IN STANDBY TO BE IN SERVICE, AND THE TANK CONTAINING THE EXHAUSTED RESIN WILL BEGIN REGENERATION AND WAIT IN STANDBY UNTIL THE OTHER TANK IS READY FOR REGENERATION.



MEDIA FILTRATION UNITS

- PROVIDES ECONOMICAL & PROFESSIONAL EFFECTIVE SOLUTIONS FOR WATER FILTRATION SYSTEMS IN COMMERCIAL AND INDUSTRIAL SECTORS. OUR SYSTEMS ARE DESIGNED TO CLARIFY WATER BY REMOVING SEDIMENT, TURBIDITY, IRON, UNPLEASANT TASTES AND ODORS, SUSPENDED PARTICLES, & UNWANTED COLOR, ALL OF WHICH ARE COMMONLY FOUND IN SURFACE AND WELL WATER. WITH THE USE OF THE CORRECT PRESSURE TANKS, VALVES & ACCURATE FILTER MEDIA TYPE OPTIONS, SPECIALIZED WATER MEDIA FILTERS CAN SUIT MOST ANY WATER FILTRATION REQUIREMENTS.



Residential



Water softener

Home softener device to remove hardness from water ,obtain soft water ,and protect the skin and hair from dryness .We provide Cabinet softener and home softener with production capacities from 0.5 cubic meters per hour to 5 cubic meters per hour The Control head from Runxin Company.



Cooler

- THE SPECIALIZED COMPANY FOR WATER TECHNOLOGIES PROVIDES HITREE COOLERS IN VARIOUS SHAPES AND SIZES, INCLUDING THE BEST TYPES OF BUILT-IN AND DIRECT MESH ON THE FILTER.



Filter

We have the best type of filter (Perfect), seven stages with an ultraviolet sterilization stage to obtain desalinated, pure water free of germs and microbes.



SPECIAL ITEMS



One Valve On Triple Tanks
For water with very high hardness



One Valve On Duplex Tanks Working
"In Series"

SPECIAL APPLICATIONS

- OUR LAYOUT OF WATER TREATMENT SYSTEMS DEPEND ON THE KIND OF WATER SOURCE AND QUALITY OF WATER BEING USED. WE HAVE INITIATED NUMEROUS WATER TREATMENT SYSTEMS PRIMARILY BASED ON BRACKISH WATER AS WELL AS SURFACE WATER APPLICATIONS. OUR WATER TREATMENT SPECIALISTS ARE IN CHARGE OF THE DESIGNING PROCESS, DESIGN AND DETAILED CONSTRUCTION, AND ARE ON HAND TO HELP IN THE ADVENT OF NEW WATERWORKS, ASSESSING, AND OPTIMIZING CURRENT PROJECTS.



Medical Grade
Ultra Pure Water



Water For
Aluminum & Glass
Industry



For Water
Bottling Factories



Swimming Pools & Spa
Water



KURITA



Who We Are

Focusing on creating value for society, our passion at Kurita is to develop and deliver innovative solutions that make the world a better place. Working as an extension of your team, we help our customers stay competitive by using our industry experience and expertise to combine chemistry, equipment, engineering and service into a customized, integrated solution. At Kurita, we have transformed water treatment with our cutting edge, environmentally sound approach to water.

KURITA GLOBAL SHARED VALUE PRODUCTS.



Cetamine®

DReeM Polymer™

Dropwise Condensation Technology

EnergyOUT™

Kuriverter® IK-110

pHytOUT®

SIMUL-WASH™

S.sensing® CS

Tower NG

APPLICATIONS



- Boiler Water
- Chemical Feed Systems
- Clarification
- Cooling Water
- Filtration
- Ion Exchange and Adsorption Systems
- Membrane Systems
- Potable Water
- Packaged Equipment
- Process Technologies
- Secondary Disinfection
- Ultrapure Water Production
- Wastewater
- Water Reuse and Reclamation
- Zero Liquid Discharge

EXPLORE KEY INDUSTRY SOLUTIONS



- [WATER REUSE AND RECLAMATION](#)
[WASTEWATER](#)
[MEMBRANE SYSTEMS](#)
[PROCESS TECHNOLOGIES](#)
[BOILER WATER](#)
[CHEMICAL FEED SYSTEMS](#)
[REFURBISHMENTS & RETROFITS](#)
[COOLING WATER](#)

Value Calculators

- [BOILER CYCLE INCREASE SAVINGS](#)
[BOILER SCALE REMOVAL](#)
[CHILLER SCALE REMOVAL](#)
[CONDENSATE RETURN](#)
[CONDENSER SCALE REMOVAL](#)
[COOLING WATER CYCLE INCREASE](#)
[RO EFFICIENCY INCREASE](#)
[RYZNAR SATURATION INDEX \(RSI\)](#)
[SIMUL-WASH™](#)

FEATURED PRODUCTS, TECHNOLOGIES



- [BIOFUELS PROCESS CHEMISTRIES](#)
[PHYTOUT®](#)
[ETHANOL FINAL FILTER](#)
[ZERO LIQUID DISCHARGE](#)
[CETAMINE®](#)
[DREEM POLYMER™](#)



جودة .. عطاء .. بناء



ALUMINUM INDUSTRIES
أوربت لصناعات الألمنيوم



KOSPO
KOREA SOUTHERN POWER CO.,LTD.



مياه
اليزموك
yarmouk water



APCO
ATTARAT POWER COMPANY



MANASEER
Industrial Complex



MÖVENPICK
HOTELS & RESORTS



حجازي و غوشة
HIJAZI & GHOSHEH



ATCCO
شركة أبراج العرب للمقاولات
ARAB TOWERS CONTRACTING CO

شركة توليد الكهرباء المركزية م.ع.
Central Electricity Generation Co.



CLASSIC FASHION
APPAREL INDUSTRY LTD. CO.





Solution provider