A STRONG ON-SITE PARTNER – SUCCESSFUL WORLDWIDE

Kurita is your competent partner for complete solutions – our sales and technical service representatives provide you locally with reliable tailor-made solutions for your facilities and systems.

We take the continuous improvement of your plant availability to heart. Our aim is to support you reducing water and chemicals consumption, focusing on environmental respect and sustainability.

OUR COMPREHENSIVE SERVICE INCLUDES:

- System survey and system analysis
- Development of customised treatment concepts and specific cleaning procedures
- Analytics (on-site and in own laboratories)
- Remote control, online data transfer
- Cleaning of water and process plant
- Training of your staff
- Consulting for plant optimisation, design and equipment choice
- Logistics (transport & stock management)







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Sustainable solutions for efficient plant operations

Customised technologies for industrial water, paper and process treatment.





Water is the most valuable resource on our planet. At Kurita, we take responsibility for the sustainable handling of this vital and limited resource, and therefore commit all our energy and knowledge to this important endeavor.

INCREASING PLANT EFFICIENCY THROUGH INNOVATIVE WATER MANAGEMENT

With resource-saving water treatment technologies, Kurita delivers proven solutions that increase your plant efficiency while contributing to environmental sustainability. Companies worldwide already benefit from our successful water management solutions for cooling, boiler, drinking and waste water systems as well as for reverse osmosis systems.

OPTIMISING PROCESSES AND REDUCING COSTS

Kurita supports you with many years of experience and technical competence in the optimisation of your processes in refineries, petrochemical and paper producing plants. With products and technologies specifically tailored to your requirements, we help you lower operating costs while simultaneously increasing production and occupational safety.

RESPECTING AND PROTECTING OUR ENVIRONMENT

In alliance with our corporate philosophy, we are actively engaged in environment and water protection. In 1997, Kurita instituted the Kurita Water and Environmental Foundation, which supports selected research projects. Kurita Water Industries Ltd. is one of only 30 companies worldwide listed in the Nature Stock Index (NAI).

OUR PHILOSOPHY – THE FOUNDATION FOR ALL OUR ACTIONS

Since its founding by Haruo Kurita, the Group has always acted in the interest of maintaining harmony between mankind and the environment. Our corporate philosophy is as relevant today as ever: "Study the properties of water, master them, and we will create an environment in which nature and humanity are in harmony."

RESEARCHING POSSIBILITIES AND DEVELOPING SOLUTIONS

Kurita is striving to research and develop new products and technologies that meet the market needs and lead to added value for our customers.

In our technology and development centres in Japan and Germany, our scientists continually improve our basic technologies and evolve new products. This includes optimisation of existing processes as well as technology innovations that open up new possibilities for more efficient, resource-saving production operations. Hence we help you balance efficiency and sustainability.

KURITA EUROPE TECHNOLOGY CENTRE (KETC)

The KETC shines through its innovative test methods and equipment's. The appli-

cation laboratory with its centre of knowledge & research is the flagship for Kurita in the EMEA region.

INTELLECTUAL PROPERTY

We understand ourselves as a technology-driven corporation. More than 3,500 own patents are proof of Kurita's influence on the future of resource-saving water and process management.

CERTIFIED QUALITY

Quality is no coincidence. We therefore established a quality, environmental, safety and health management system early on that guides the responsible actions of every individual Kurita employee. All our environmental, social and operational activities are controlled at regular intervals by accredited institutions and certified according to international standards.



passion of our scientists. Our research & development centres are the forge of innovative solutions.











KURITA PROVIDES CUSTOMISED SOLUTIONS FOR ALL YOUR WATER APPLICATIONS WITH A FULL RANGE OF PRODUCTS, SERVICES, MONITORING AND CONTROL.

WATER – AN ECONOMIC FACTOR

Water is one of the most valued resources and a key economic factor in industrial plants. Water quality has a significant impact on the efficient operation of your plant. Kurita, with decades of experience in water treatment, combines mature water treatment technologies with the latest innovations in the field. Thanks to an intensive research and development, we can offer an extensive range of products to help in the water processes optimisation and achieve the greatest economy and long-term operation reliability.

INCREASING YOUR PRODUCTIVITY

Regardless of individual differences between industries, they all face a similar challenge: to enhance efficiency. Kurita can play a crucial role in achieving this key business objective. Our technologies and know-how help lower your operating costs, increase your plant availability and optimise the safety of your employees and plants. Furthermore, we actively support you with expert advice as well as individual concepts and competent service for the water treatment of your plant. Our highly skilled engineers will be pleased to advise and support you on the conditioning of:

- Waste water
- Boiler water
- Cooling water
- Drinking water
- Membrane treatment
- Cleaning operations
- Swimming pools

SERVED INDUSTRIES

- Automotive
- Chemical
- Facility management
- Food & Beverage
- Geothermal
- Mining
- Municipal water facilities
- Paper and pulp
- PetrochemicalPharmaceutical
- Power plants
- Processing
- Refineries
- Seawater desalination
- Steel and metal
- Textile

Providing value to customers to create a sustainable society

MAXIMISING CUSTOMERS VALUE WITH WATER KNOWLEDGE FOR A BRIGHTER FUTURE.

At Kurita, we strive to create a business model based on shared value with our customers and with the environment. That is why we designed our product portfolio to solve water resource issues, realize sustainable energy usage, reduce waste and improve industrial production technologies.

REDUCE YOUR ENVIRONMENTAL IMPACT

Products, technologies, and business models that meet some or all the following standards regarding water savings, CO₂ emissions reduction, and waste reduction belong to the Create Shared Value (CSV) business:

- 1. Significantly more effective than previous or competing technologies.
- 2. New technologies or applications of existing technologies in new markets.
- 3. Contribute to action plans aimed at achieving the Sustainable Development Goals (SDGs).
- 4. Contribute to the reduction of Scope 3 emissions in the Kurita Group.

SUSTAINABLE DEVELOPMENT GOALS

We will support the SDGs adopted by the UN in 2015 and contribute to achieving relevant goals through the environmental improvement activities.



Reduce your environmental impact with Kurita's CSV business model









Paper Industry

ADVANCED CHEMISTRY FOR OPERATIONAL EXCELLENCE

As a leading provider of unique solutions for industries that use water intensively we feel strongly committed to the paper industry. Our proven expertise in the supply and application of benchmarking products and technologies support the industry in developing innovative products, optimizing processes and in reduction of costs, energy, water and waste.

A wide range of functional and process additives in combination with our experienced team will help you to improve performance and create value.

Over 30 years of experience and intensive R&D work have led to the broadest portfolio of surface sizing agents available on the market. Our Perglutin® polymeric sizing agents are industry standards for surface sizing of printing & writing grades, packaging papers and board.

Our Giluton® wet strength technology stands for the combination of maximum

strength enhancement and reduced content of residual monomers.

Our groundbreaking Kurita® Dropwise (DW) technology will make the most of paper machines' steam and condensate systems by markedly improving the heat transfer in drying cylinders, leading to significant energy savings and reduction of greenhouse gas emissions.

Our Dilurit® programs help paper and board makers to maintain machine cleanliness and efficiency on the highest achievable level. In addition, we supply automated feed and dosing systems, online analyzers such as our HydroBio® Advance biofilm detector as well as monitoring and control solutions.

Kurita - innovative chemistry contributes to achieve operational excellence in paper manufacturing!

gies we offer customized programs

- Ferrocid biocides
- On- and off-line cleaning -Basidin® Ferrolin®
- Deposit control Turbodispin®, Aktiphos® scale inhibitors (available as 100% P free)
- Drainage & retention Kuriflock®
- cialty chemicals for pulp and paper making, such as bleaching stabilizers, flying splice adhesives and tissue making additives

Despite our leading polymer technolo-

Microbiological control - Dilurit[®],

- Foam control Kurita FC®
- · And a broad range of other spe-



Process treatment

KURITA'S INDIVIDUAL TREATMENT CONCEPTS AND CHEMICALS CREATE MORE EFFICIENT PROCESSES

The manufacturing of petroleum fractions in refineries and the petrochemical industry and the production of steel require very complex processing steps. To be avoided

- Fouling and severe corrosion
- Emulsion formation and foaming
- Presence of hazardous gases
- · Production losses with operational and occupational risks
- Increased maintenance, cleaning and energy costs

Kurita offers a wide range of expertise, powerful treatment concepts and predictive tools to prevent unintended disturbances during production. Our technology centres in Europe and Japan use a variety of laboratory techniques to find the probable cause and a remedy for the impairment of your production. Whatever your requirements are, we can enhance your operation.

The Kurita process product portfolio includes customary chemical programmes

as well as unique, tailor-made patented technologies, combined with a high level of services.

Our powerful programmes include:

- Emulsion breakers ensure rapid separation of stabilised emulsions
- · Corrosion inhibitors effectively protect the metal surfaces of plant equipment
- · Antifoulants and antioxidants are proven to mitigate the formation of coke, polymers and deposits
- Our ACF technology removes strong acids, chlorides and ammonium salts during operation
- Scavenger programmes and cleaning & decontamination technologies eliminate hazardous gases in terms of safety and environmental aspects.

Kurita helps you achieve your goals through increasing profitability and reliability with reduced operating and maintenance



