



Standard Products & Services
Creating Water Solutions



Solutions & Technologies



Creating Service Solutions for Industrial and Municipal Customers

Customer Service has always been given priority at Veolia Water Solutions & Technologies. Customers choose us because they know they can rely on our team to provide the highest possible levels of service and support, not just during the buying decision, but throughout the long life of our water treatment systems and equipment.

We work in partnership with you to guarantee that your water quality and availability meet your expectations. Our objective is to provide a first class service, that is backed by a service team throughout Australia and New Zealand with over 70 years of **experience**.

We can propose **customised** water management solutions, focusing on technical performance, **compliance** with process and environmental requirements and **long-term cost effectiveness**, in order to fulfil the most demanding **reliability, health & safety**, and **quality** standards. Our products, services & activities are certified to **ISO 14001, ISO 9001 and AS/NZS 4801** by Benchmark Certification.



Services Team



Customers

> Industrial customers

- Power
- Oil & Gas
- Chemicals
- Mining & Minerals
- Metal Processing

> Municipal customers and water authorities

- Food & Beverage, including Dairy
- Pharmaceuticals
- Pulp & Paper

Engineered Systems

- > A range of **modular and customised** integrated systems for drinking water, process water, wastewater and water reuse.
- > We can offer cost-effective tailor made solutions, guaranteed quality & safety of equipment within tight timeframe.
- > Excellent project delivery skills, and leveraging of experience & expertise from Veolia Group.

Key Standard Products & Technologies

> Microfiltration & Ultrafiltration

- > **Membrane filtration** including microfiltration, pressurised submerged microfiltration and nanofiltration.
- > Can be used as a pre-treatment process for Reverse Osmosis or as a stand alone process for producing high quality water.



> Reverse Osmosis (RO)

- > A **membrane** process used extensively for removing salt and contaminants from seawater, brackish water or surface water.
- > Robust and proven technology that is easy to operate.



> Hydrotech® Discfilters

- > **Tertiary treatment** producing effluent with both low turbidity and low total suspended solids.
- > Suitable for wastewater treatment plants, primarily for effluent polishing and for pre-treatment (water reuse) as well as algae removal.
- > Small footprint, automatic backwash, low maintenance, minimum equipment and operational flexibility.



[Ask for our brochure](#)

> Softeners

- > Used for boiler feed, Reverse Osmosis feed, glass washing, food processing and general manufacturing applications.
- > Flexible design, control systems enable to minimise wastewater and salt usage.



> Filters

- > Used for removing suspended matter, turbidity, iron, chlorine taste, colour and odour from feedwater through media filtration through a bed of media such as fine sand, anthracite, activated carbon or manganese dioxide.
- > Suitable for general industrial process water.



> Deionisers

- > Used for producing **ultra pure water** on low TDS feedwater (< 100 mg/l).
- > Low installation and operating costs, minimum start up time, small footprint, efficient chemical usage.



> Continuous Electro-Deionisers (CDI)

- > Used for producing **ultra pure water** for power industry, pharmaceuticals, boiler feed in general industry.
- > Reliable and skid-mounted systems, compact design, easy to transport.
- > Low power consumption, low operating costs, high recovery, chemical-free process.



Mobile Units & Pilot Plants

> Aquamove® Reverse Osmosis Mobile Units

- > Containerised mobile Reverse Osmosis units for use as water demineralisation, desalination and clarification units.
- > Capacity: 250 to 1,000 kL/day or higher.
- > Provides a quick response to emergency or **temporary water needs**.
- > Cost effective short-term water treatment solution. Units can be leased from 1 month up to 10 years.
- > Units can be purchased or leased from 1 month up to 10 years.



[Ask for our brochure](#)

Actiflo® Clarification Packaged & Mobile Plants

- > A compact, high-rate water and wastewater **clarification** process combining micro-sand enhanced flocculation and settling.
- > An ideal solution to treat raw water or recycle valuable process water to provide boiler feed, process water or cooling tower make up.
- > Packaged plants (1,000 to 3,000 kL/day) and engineered systems are available.
- > A containerised Actiflo® mobile pilot plant fully equipped with laboratory equipment can be delivered to site and be operational within a day, to demonstrate the effectiveness of the Actiflo® process.



[Ask for our brochure](#)

Hydrex® Water Treatment Chemicals

- > A complete range of **specialty water treatment chemicals** including Reverse Osmosis antiscalants, biocides, cleaners, preservatives, chlorine removal chemicals, corrosion inhibitors, boiler scale inhibitors, dispersants, condensate treatments, oxygen scavengers and polymers.
- > Suitable for microfiltration, ultrafiltration, nanofiltration, Reverse Osmosis plants, cooling towers, boilers and wastewater plants.
- > Can significantly improve the management of **scaling, biofouling, corrosion, suspended solids**.



Spare Parts & Consumables

- > Our 4,000-reference catalogue contains replacement spare parts & consumables.





Delivering the best possible service & support through SMART

Our Service Engineers are equipped with a Service Management And Reporting Tool using the latest technologies: SMART. Through its Pocket PC-based application, SMART provides updated critical **site specific information** to Service Engineers in the field, an **online inventory data** of all spares & consumables, and a GPRS tracking of service staff to ensure the quickest and most appropriate on site response to all our customers. The performances, technical data, history, specific operating parameters, and electronic Service reports of the customer's plants are electronically archived for easy retrieving and analysis.



Aquavision®: The 24/7 Remote Monitoring System

The Aquavision® system developed by Veolia Water Solutions & Technologies enables to optimise your plant efficiency, reduce costs, and minimise downtime. It ensures your plants are monitored 24/7:

- > **Key process parameters** (pressure, level, flow...) can be automatically retrieved at specified intervals.
- > In case of **plant alarm**, key personnel is alerted via SMS or e-mail 24/7.
- > The Aquavision® can be configured for **multiple PLCs** (Programmable Logic Controllers).

Service Contracts Tailored to Meet Your Needs

> Mechanical Service Agreements

- > Regular on site visits for preventative **maintenance** & checking of **equipment**.
- > Equipment is replaced or upgraded if necessary.
- > Ensure optimal performance and minimise down time, allowing your business and equipment to run smoothly.

> Chemical Service Agreements

- > Customised chemical water treatment programmes to suit your needs, using our Hydrex® Water Treatment Chemicals, developed in our expert ISO 9001:2000 accredited centre.
- > Ensure **optimal** and **minimal** quantity of chemicals are used in the systems.

> Technical Consultation Service, Plant Refurbishment & Upgrade Agreements

- > On-site audits and technical reviews of water cycles.
- > Consultation service for plant and system refurbishments and upgrades.
- > Designed to optimise the **performance** of water treatment plants and treat the water to the required specifications.

Veolia Water Solutions & Technologies Australia and New Zealand

Creating Water Solutions

Present in Australia and New Zealand for over 70 years, **Veolia Water Solutions & Technologies** is a world leader in Design & Build of water and wastewater treatment plants. Our unique portfolio of differentiating technologies includes drinking water, industrial process water, and wastewater.

We provide Design & Build capabilities, Engineered Systems, Equipment Supply, Leasing of Mobile Plants and Services, focusing on reuse and desalination.

Our approach for delivering innovative water solutions makes us the partner of choice for municipal and industrial customers.

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