

De Nora introduces latest ozone offering at SIWW 2018

De Nora taps into multi-billion-dollar Asian market with alternative methods to treat water

SINGAPORE, 9 July 2018: To address increasingly complex water treatment issues and standards in Asia, De Nora officially introduces its CAPITAL CONTROLS® ozone generators at this year's Singapore International Water Week (SIWW).

De Nora CAPITAL CONTROLS® ozone generators make use of a natural element, ozone, to ensure a safe and sustainable source of water. Ozone is a powerful oxidant and can be used for a variety of different applications including disinfection, removal of colour, micropollutants, biological oxygen demand (BOD), chemical oxygen demand (COD) and a host of emerging contaminants from water and wastewater.

Ozone can be used in combination with existing disinfection infrastructure for difficult-to-treat applications, in advanced oxidation processes and sludge reduction. Generated on-site, ozone does not pose risks associated with transportation of hazardous materials. This solution will therefore have a wide-reaching impact for treatment of municipal water, wastewater, and a host of other industrial industries, including food and beverage.

De Nora Senior Vice President, Global Sales & Operations Asia, Water Technologies Business, Marwan Nesicolaci, said, "Water disinfection is a key area explored extensively at this year's SIWW – growing regulations around water quality and safety has driven more utilities in the region to seek advanced solutions that are robust enough to meet growing water needs."

This trend across the industry is demonstrated by the tremendous growth expected for the water and wastewater treatment market, which is forecasted to reach US\$674.7 billion (S\$885.2 billion) by 2025 globally, with Asia being its largest market¹. This market growth is driven by rising demand for fresh drinking water, industrialisation and agriculture.

Marwan Nesicolaci added, "We are one of the original pioneers of ozone treatment solutions for industrial applications – we have so far designed, installed and supported over 1,300 plants, including current projects that are being undertaken for some of the most well-known and innovative water companies in the region."

In addition to the CAPITAL CONTROLS® ozone generators, De Nora will be showcasing at SIWW its key products from its range of filtration and disinfection solutions for water and wastewater treatment, including brands such as DE NORA TETRA®, ClorTec®, and CECHLO®.

De Nora Regional Sales Director, Asia Pacific, Vincenzo Palma, said that this year's showcase demonstrates De Nora's increasing focus since its acquisitions on delivering sustainable water and wastewater technologies for municipal, marine and energy-related water treatment applications.

Vincenzo Palma said, "Innovation fuels the continuous upgrade and enlargement of the De Nora portfolio, thanks to research centers in Japan, Italy, and the USA and nearly 100 people dedicated to product development and R&D activities."

¹ Hexa Research (2017). [Water & Wastewater Treatment Market Worth \\$674.72 Billion by 2025](#).

“By providing unique solutions, we are able grow alongside Asia’s water story, as we see greater demand not only for clean water, but also safer ways to obtain access to it. In the next few years, we will continue to help utilities in countries like Myanmar, Philippines, Singapore, and most recently Hong Kong, achieve a safe and sustainable supply of clean water.”

One of its most recent projects, De Nora will be supplying water disinfection systems to ten water treatment plants in Hong Kong’s Water Supplies Department (WSD), serving the water needs of a population of over 7.3 million.

De Nora will exhibit at SIWW from 9-11 July at Booth B2Q02, featuring:

- **De Nora [CAPITAL CONTROLS® ozone generators](#)** makes use of a natural element to keep water safe – ozone is a more powerful disinfectant than chlorine and creates no harmful residue. Ozone also comes with fewer safety problems associated with shipping and handling.
- **[DE NORA TETRA® water and wastewater filtration solutions](#)**, which includes the LP Block™ dual parallel lateral filter underdrains. They are installed at some of the world’s biggest desalination plants for pre-treatment. The DE NORA TETRA wastewater treatment technology has been employed at more than 1,000 installations worldwide, covering an area of more than 155,000m² including the world’s biggest denitrification filter in the USA.
- **[ClorTec® on-site sodium hypochlorite generators](#)**. De Nora is the original pioneer of DSA® electrodes, and has more than 6,000 installations globally for brine and seawater electrochlorination, including the biggest seawater and municipal brine installations in the world. ClorTec® offers operating advantages for owners, including the remote monitoring and control of system performance, simple maintenance and operation and low cost of ownership associated with the high reliability and efficiency design.
- **[CECHLO® membrane process electrolyser](#)** for the onsite production of chlorine gas and or concentrated sodium hypochlorite. The key benefit is that there is no safety risk associated with delivery or storage of hazardous chemicals. It uses De Nora proprietary, patented DSA® anodes, which have low power requirements with high performance, proven durability, and low operating costs.

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About De Nora

[De Nora](#) is an Italian multinational leader in sustainable technologies that offers energy saving products and water treatment solutions. Globally De Nora is the pre-eminent provider of electrodes for electrochemical processes (for clients in the Chlorine & Caustic, Electronics & Surface Finishing, Pool Electrochlorination and Specialties sectors) and is among the leaders in technologies and processes for the filtration and disinfection of water (for clients in the industrial, municipal water and wastewater, power and energy, and marine sectors). The Company has grown organically by continuous innovation and externally through major acquisitions in the USA, United Kingdom Japan, and Italy. It serves clients in 119 countries and has a physical presence in 11 countries worldwide with 19 offices, 12 manufacturing facilities, and three research & development centers in Italy, the USA and Japan. The Group intellectual property portfolio currently contains 355 patent families with more than 3,000 territorial extensions.