

Water and Wastewater Treatment Technologies



WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL





The De Nora Advantage

Unparalleled experience and water treatment expertise

- Experience includes >90 years electrochemistry, 60 years water disinfection, 55 years filtration solutions and more than 20 years in oil and gas
- Employee expertise of hundreds of years
- Install base of over one thousand in the oil & gas segment for a variety of applications

Comprehensive range of solutions

- Covering many technologies including all readily available disinfection solutions
- Offering packaged solutions

Innovation capability - >3% revenue reinvestment in R&D

- Three research laboratories, plus centers of excellence for each product group
- >355 patent families covering more than 2000 individual applications



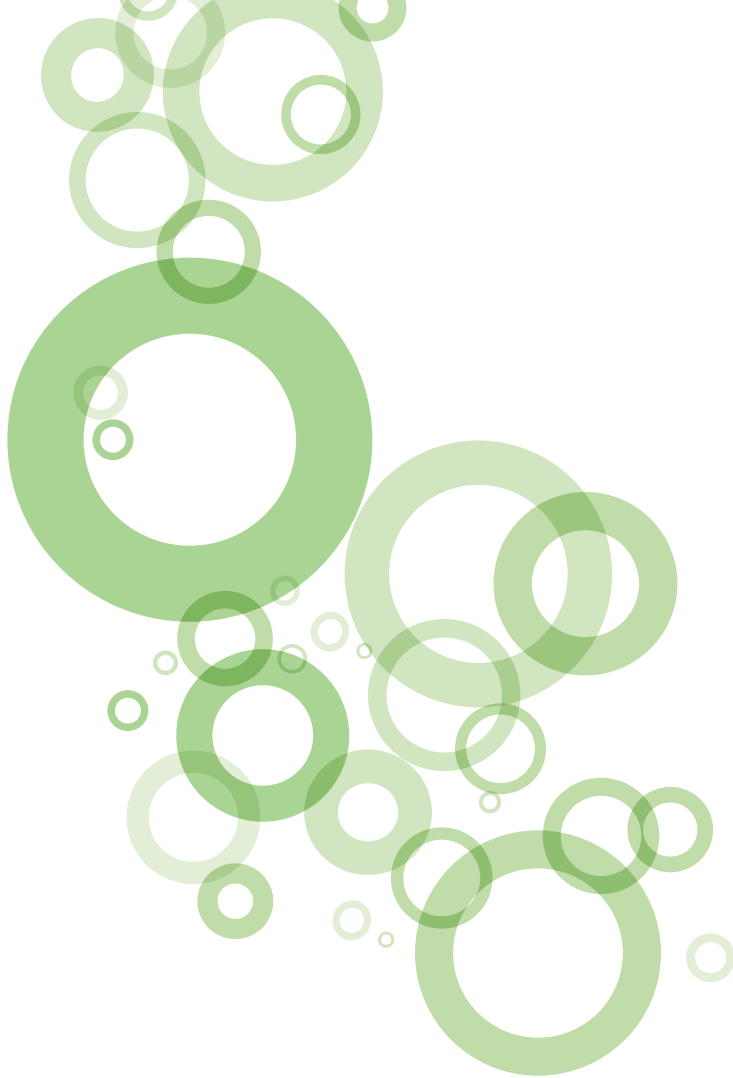
Global service and aftersales provide peace-of-mind

Reliable, trusted and effective solutions

- Thousands of long standing installations with minimal maintenance requirements
- Installations meeting treatment requirements for decades to the tightest levels
- Trusted brands including CAPITAL CONTROLS®, DE NORA TETRA™, ClorTec®, MIOX®, SANILEC®, SEACLOR®, BALPURE®, UAT™ and OMNIPURE™.

Global reach

- 23 offices worldwide and a range of supporting partners



At De Nora Water Technologies, we make water treatment easy. That's why we offer a range of innovative treatment technologies used the world over, to help protect and preserve the world's most precious resource.

About Us

De Nora provides its customers with safe, innovative and reliable energy saving technologies on a worldwide basis at thousands of installations across a range of technologies and applications.

Electrochemical

- More than 6000 electrochlorination systems including marine, offshore, power and desalination applications
- Offers the original marine sewage treatment systems to oxidize sewage in the electrochemical cell
- BALPURE® ballast water treatment system has already submitted its US Coast Guard Certification application

Disinfection & Oxidation

- Capital Controls® is a disinfection pioneer including invention of all vacuum gas feed technology
- De Nora EST™ scrubbers are the only supplier with both wet and dry emergency systems
- Experience across all major ozone applications

Filtration & Separation

- DE NORA TETRA™ filters are a market leader for deep bed filtration, treating more than 20 million m³/day. Over 70% of the water treated for denitrification in the Chesapeake Bay area employs Denite® filters.
- SORB 33® Systems pioneered the use of Bayoxide for removal of arsenic from municipal drinking water. Over 175 systems have been installed since 2002.
- UAT™ membrane filtration technology has been providing safe sources of water globally for over 26 years.



CAPITAL CONTROLS® Gas Feed Solutions



SORB 33® Arsenic Removal Systems



MIOX® RIO™

De Nora offers a comprehensive range of world-leading solutions based on over 90 years of experience. We offer reliable, robust and proven technologies to give our municipal, oil/gas, power and marine customers peace of mind and low asset downtime.

Electrochemical

BALPURE®

- Ballast water treatment systems

SEACLOR®, SANILEC®

- Seawater electrochlorination

CECHLO®

- Electrochlorination systems

ClorTec®

- Brine electrochlorination systems

MIOX®

- Electrochlorination and Mixed Oxidant systems

OMNIPURE™

- Offshore sewage treatment system

Disinfection and Oxidation

Capital Controls®

- Gas feed solutions: Vacuum gas feeders, pressure gas feeders, automatic control valves, vaporizers
- Chlorine Dioxide generators
- Ozone generators and systems
- Controllers, analyzers and gas detectors

UltraDynamics®

- UV Disinfection

EST™ Scrubbers

- Emergency gas scrubbers for Chlorine, Ammonia, Sulfur Dioxide



CAPITAL CONTROLS® Ozone Disinfection



SEACLOR® Seawater Electrochlorination



BALPURE® Ballast Water Treatment Systems



CAPITAL CONTROLS® Gas Feed Installation



ClorTec® On-site Sodium Hypochlorite Generators

De Nora provides effective electrochemical, disinfection, oxidation and filtration treatment solutions for a range of applications including biofouling control, marine sewage treatment, ballast water management, inorganic contaminant removal, desalination pre-treatment, biological and tertiary wastewater treatment and drinking water treatment.

Filtration and Separation

DE NORA TETRA™, SORB, Higgins Loop™ and UAT™

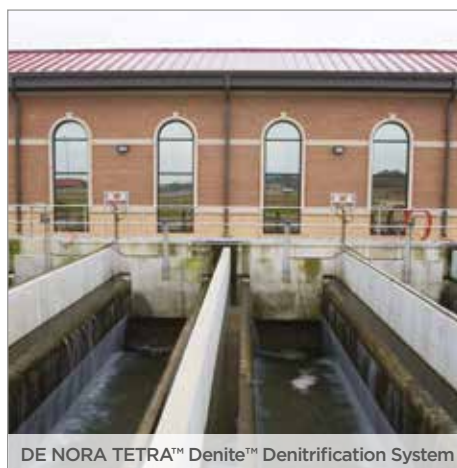
- DE NORA TETRA™ DeepBed™ Filters Tertiary Gravity Filters
- DE NORA TETRA™ Denite™ Denitrification Filters
- DE NORA TETRA™ [N]SAF Submerged Aerated Filters
- DE NORA ColOX™ Aerobic Biological Treatment System
- DE NORA TETRA™ Amphidrome™ Fixed Film Sequencing Batch Filter
- DE NORA TETRA™ Industrial Pressure Filters
- DE NORA TETRA® SNAP T®, LP Block™, U Block™ and Anchor-Rite® Filter Underdrains
- UAT™ Membrane Filtration - Reverse Osmosis (RO), Electrodeionization (EDI), Ultrafiltration (UF), Nanofiltration (NF)
- SORB Inorganic Removal Solutions - SORB 07 (Nitrate), SORB 09 (Fluoride), SORB 33® (Arsenic), Omni-SORB (Iron/Manganese)
- TETRApHix™ (pH and CO₂ adjustment)
- Higgins Loop™ Ion Exchange



DE NORA TETRA™ LP Block™ Filter Underdrains



DE NORA TETRA® SNAP T® Filter Underdrains



DE NORA TETRA™ Denite™ Denitrification System



UAT™ Membrane Filtration

Close to you, wherever you are.



● Headquarters ● De Nora Companies



Member of:





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