

# Potable water solutions

## Modification & Service

**Semco Maritime offer full potable water solutions, from the installation of the water disinfection systems to complete piping solutions. We provide flexible and long lasting solutions to improve the potable water systems. We design and install potable water systems using PP-R (Polypropylene – Plastic) materials and ECA clean water technology for rigs, platforms and vessels.**

### **Piping and installation solutions**

Polypropylene pipes and fittings are commonly acknowledged within the offshore industry and Class Authorities as the most reliable and effective piping solution for hot/cold water supply. Our solutions are typically designed using piping dimensions from 16mm to 500mm and pressure-rated according to project requirements. The complete piping program comes with class authority certification as required by customer.

Solution advantages include:

- Decrease installation time significantly compared to steel piping
- Avoid hot work permits
- Pipe lifetime up to 50 years
- No internal corrosion
- Lightweight materials

Comprehensive range of services, including and if required:

- Supply and installation of water disinfection system
- 3D scanning, modelling and piping design
- Dismantling and installing potable water piping systems
- Pipe spools and installation of potable water, cooling water, sea water, fresh water, fire water, vacuum and drain systems (black / grey water lines)
- Lifetime equipment maintenance and service



Clean water system - Neuthox®

### **Work with us**

*Dedicated to the energy sector, Semco Maritime is an international contracting and engineering company. For more than 30 years we have been facilitating design, fabrication, service and maintenance of our customers' assets, providing comprehensive project management across all phases of energy projects. From turnkey engineering solutions to operation support and delivery of components, systems and solutions – we make sure our customers and partners in the energy sector experience safe, cost-efficient operations. Semco Maritime is an international company with 1,500 employees and branches in Denmark, Norway, Germany, UK, Singapore, China, Australia, Central America and USA. For further information please see [www.semcomaritime.com](http://www.semcomaritime.com)*



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### Clean water system - Neuthox®

Neuthox® is a proven solution against biofilm and bacteria legionella that works both in hot and cold water systems, with an impressive history of more than 400 units in operation across 20 countries. Neuthox® - Electro Chemical Activation (ECA) technology is in compliance with European Chemical Agency article 95. We ensure bacteria reduction and effective removal and prevention of biofilm.

Besides that our solution requires a lower amount of disinfection by-products compared to standard chlorine (30 to 50 % less). Due to the unique composition of the Neuthox liquid, problems with immunity with respect to certain micro-organisms can be avoided.

Some advantages using Clean Water System include:

- Easy to mount and set up for operations
- Compact system with a small footprint



- Remove all biofilm and Legionella in entire system (compared to the UV light)
- Automatic operation with possible shock dosing
- Cost efficient solution
- Easy adaption to existing systems



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For further information, addresses, email addresses and phone numbers - please see our website:

[www.semcomaritime.com](http://www.semcomaritime.com)