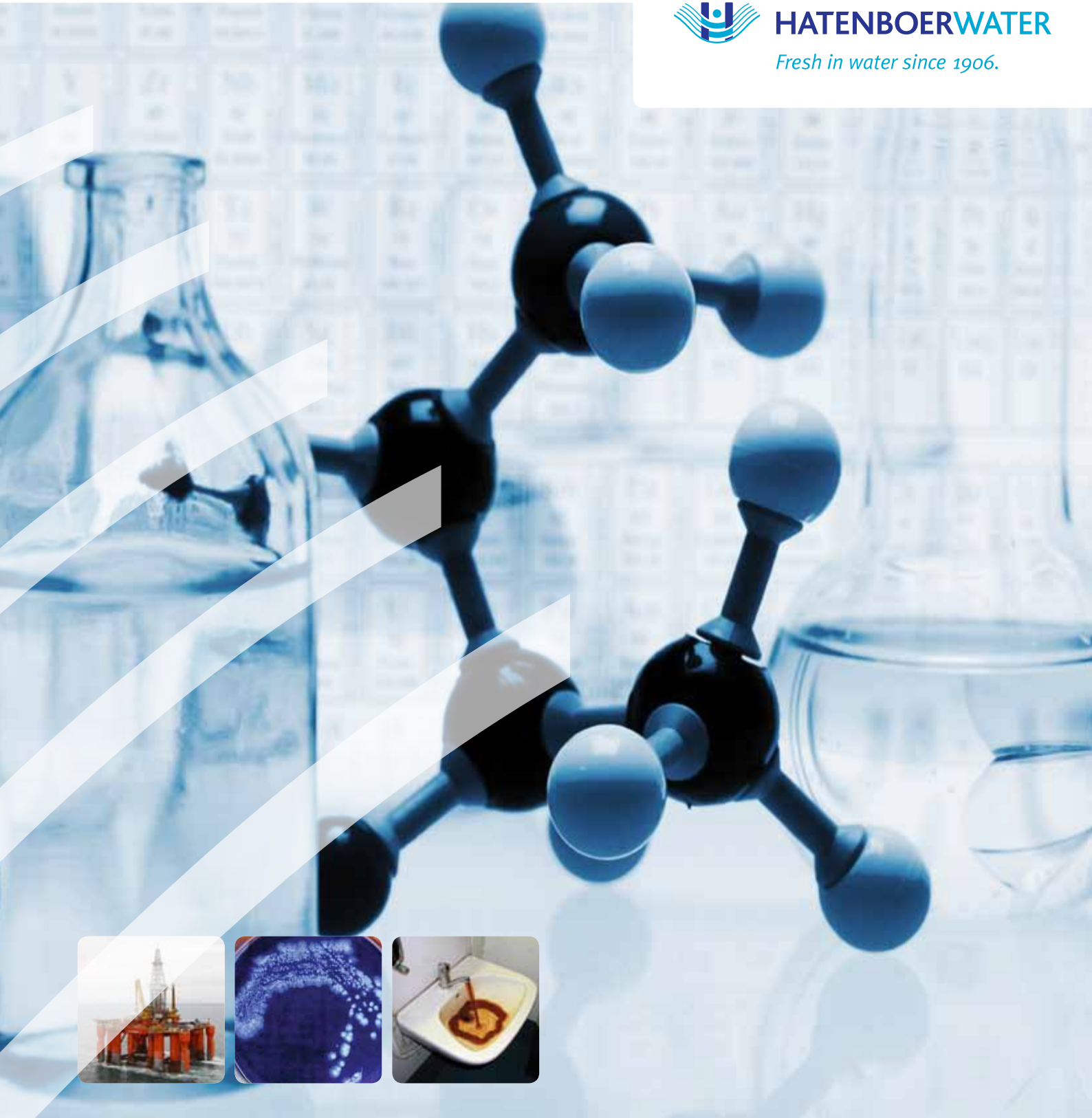




HATENBOERWATER

Fresh in water since 1906.



Water management on board

Part of every HSE plan

Safe water for your crew

Hatenboer-Water

Fresh in water since 1906.

Safe water for your crew



Specialist in water

Water treatment & services

With specialist expertise, in-house engineering, design and production in a modern operating environment, Hatenboer-Water supplies sustainable solutions for all your water-related challenges and basic needs. From the production of drinking water to the treatment of ballast water. Economically sound and environmentally sustainable with all necessary worldwide after sales service.

Maritime expertise for safe water

Good and safe water on board is essential for the operation of any vessel or rig. Our vast maritime experience gives us a thorough understanding of your business. The track record of more than a thousand maritime water treatment units worldwide is a proof of our high standards. Water from every source is treated to provide water of the proper quality for every application on board. Right to every tap point.

Dedicated

Since proper water quality can only be achieved by applying the right water treatment technologies and being consistent in your water management, Hatenboer-Water has a department dedicated to Water Quality. This department can take care of sampling and analysing up to full consultancy and disinfection projects. The department comes forward with practical solutions and services.

*Hatenboer-Water; your partner in
maritime water treatment & services.*





Instead of what people believe, the bacteriological safety of (potable) water is not an obvious fact.

Water Quality (HSE) Consultancy

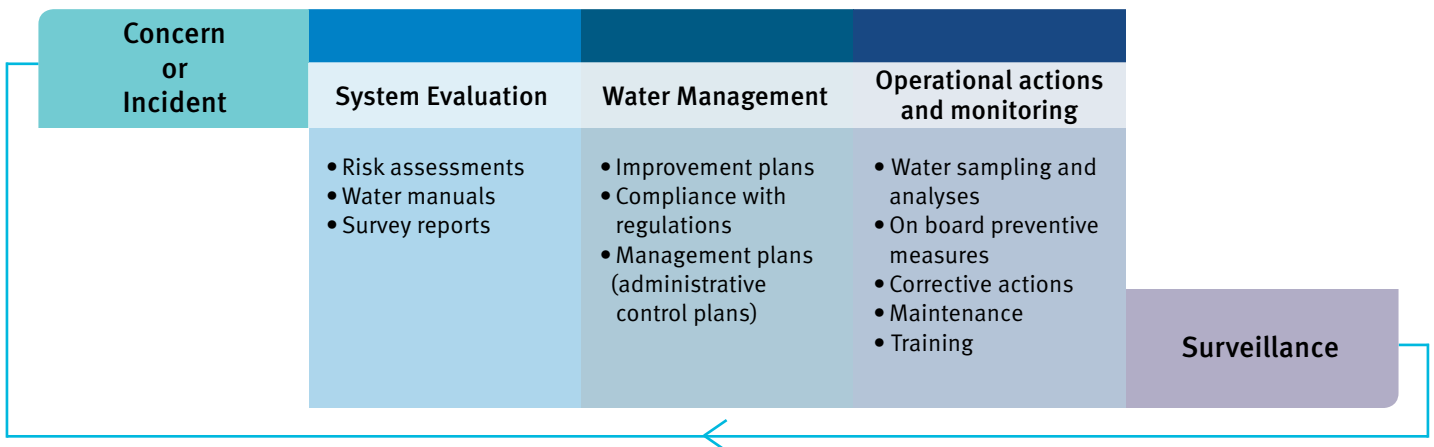
Our Water Quality department is a consultancy and services department. The consultants deliver solutions so you can comply with international rules and regulations and to assure that your crew is working in safe conditions. You can consult Hatlenboer-Water regardless the challenges you are facing with your potable water system, from source through treatment to the point of consumption. Whether it is to prevent potential unsafe situations or whether you need us to carry out a specific corrective action.

Problems you can encounter

- Corrosion
- Biofilm
- Bacteriological contamination
- Physical-chemical contamination
- Problems with coatings of drinking water tanks
- Various other issues that might be a threat to your crew's health

You are able to prevent these issues by using our expertise in potable water quality, equipment and installation technologies.

Close your water safety-loop





Water consultancy & management

Risk Management is an important part of your HSE plan. It is the objective of Hatenboer-Water to contribute to the safety of man and machine on board. We offer consultancy services for existing systems and for new buildings. Our vast maritime and offshore experience guarantees that we can provide you with practical advices that can easily be incorporated.

Risk Assessment

Determination whether the drinking water supply from source (treatment) to the point of consumption meets the health-based targets.

Preliminary Risk Assessment

An assessment based on the P&ID and other ship drawings.

Potable Water Manual

A complete guidebook for your potable water system, including all necessary procedures. It is tuned to the required regulations.

Survey of (part of) your potable water system

This can be a technical analysis of equipment or a check of your manual or management plan (procedures or compliance with regulations).

Management Plan

A tailor-made improvement plan containing outcomes of the risk assessment, and recommendations to secure a safe potable water system.

Audit of your existing management plan

An independent evaluation of your water management plan.

Lay-out and specs for new builds

Hatenboer-Water offers also consultancy services for ship designers, yards and owners on the specific piping and system lay-out for new builds in order to prevent Legionella and other micro-biological fouling. More strongly, Hatenboer-Water advises its relations to consult the Water Quality department to save time and costs afterwards.



Water Management is an essential part of every HSE procedure to ensure optimal working conditions on board.





Analyses are carried out in accordance with the international standards for water examination, following relevant accredited procedures.

Worldwide water analyses

Having your drinking water sampled and analysed provides you with the required information on a possible health risk on board. Hatenboer-Water provides worldwide sampling, analyses and analysis reports to assess the chemical, microbiological and physical condition of your water and therefore the health of your crew.

Quality Monitoring Programme

Hatenboer-Water offers a water quality monitoring programme for your ship, vessel or rig. This enables you to monitor the condition of the (drinking) water or the performance of your water treatment systems. Hatenboer-Water can provide assistance in testing, monitoring and analysing, with a wide range of services including:

- Planning and programming of the sampling
- Executing one-off or regular sampling according to the valid legislation
- Laboratory management
- Sampling of drinking water and ballast water
- Detailed scientific analysis and interpretive reporting
- Liaison with statutory and regulatory bodies

NIPH emphasises that it is better to remove the risk of pollution before damage is done, than to act when damage occurs.



Water tests

We offer different bacteriological examinations of your water:

- Standard bacteriological analyses for ship sanitation or offshore regulations
- Legionella spp examinations
- Physical-chemical examinations
- Specific bacteriological analyses based on the situation





Other Services

Next to consultancy and monitoring actions like analysing, Hatenboer-Water can take care of corrective measures like cleaning and disinfection of your complete fresh water system.

Cleaning & Disinfection

Every piping system will face problems with fouling and corrosion. To resist and prevent problems with the drinking water quality, it is necessary to clean the piping system. Without cleaning, bacteria such as Legionella or E-Coli can grow in the piping system. We have the knowledge and experience to clean and/or disinfect your complete drinking water system on board.

Technical services

Experienced service engineers can, for example, check the proper functioning of the back flow preventors, dosing installations and UV disinfection units. To ensure operational reliability, maintenance can be executed to all water equipment.

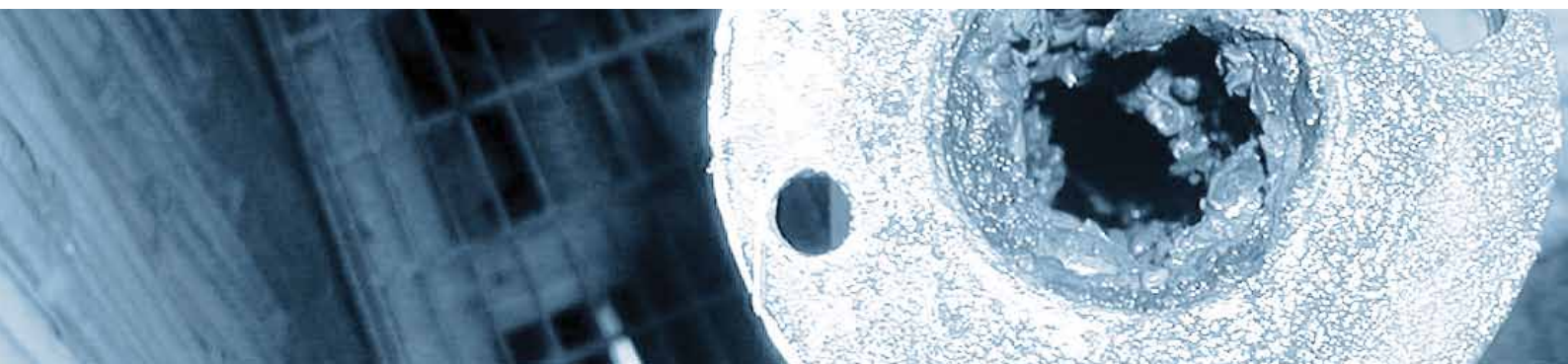


Project management

In case of an incident or calamity Hatenboer-Water can manage all corrective actions that need to be taken. You can focus on your business activities when we take care of constraining the contamination and all corrective actions. Maintenance and recovery actions are carried out according to strict quality requirements.



*Detected a contamination?
Hatenboer-Water can assist and advise 24/7. If requested we provide effective liaison between the HSE department and local authorities.*





two-day training / worldwide in company / certificate included / satisfied participants

Potable Water Courses

Hatenboer-Water provides a Potable Water Course for your crew. Your engineers and medics learn all about water treatment and water management on board, leaving them with valuable knowledge on how to maintain a good and healthy water system. The Hatেনboer-Water Potable Water Course is recognised by NIPH.

Who should attend this course

In general, everyone involved in water treatment and/or testing, both in the maritime and offshore market. The Potable Water Course is suitable for engineers, superintendents, medics, Health & Safety Managers and asset managers.

What to expect

The following topics are part of the course:

- Chemistry of water
- Water maker technology
- Disinfection
- Drinking water regulations
- Sampling and analyses
- Water management plan
- Maintenance
- Trouble shooting



Customised Trainings

Legionella course, system operator training or custom made water related trainings. The trainers have many years of experience in all water related issues and are keen to transfer their knowledge to you.

“The course helps to give a better understanding of the many aspects of water” (Chevron).

“Good interaction with specialists” (Heerema Marine Contractors).



*Hatenboer-Water service engineers
and consultants are offshore trained.*

Hatenboer-Water

Your partner in maritime water
treatment & services

Your benefits

By choosing Hatেনboer-Water as the supplier of all your water related equipment and services you benefit from:

- Safe water for your crew
- Compliance to applicable regulations
- Good water from production to consumption
- Minimal downtime
- Easy access to spare parts and consumables
- Worldwide service 24/7
- Local, skilled, support

Hatenboer-Water in a nutshell

- More than 80 experienced professionals
- Strong focus on service, quality, innovations and improvement
- All disciplines and facilities under one roof
- Fully stocked warehouse for short delivery times
- In-house engineering, 3D CAD design
- In-house R&D department
- Fully equipped workshop

Solutions by Hatেনboer-Water are designed with sustainability and environment in mind. Please contact us for more details on energy saving, low life cycle costs and high sustainability of our solutions.



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