



# HORIZON WATER SOLUTIONS

DELIVERING SOLUTION





# About Us

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From raw water, through your industrial process, until the wastewater, **Horizon water solutions division** helps you to manage water, enhance performances, decrease the costs, the environmental impact, and measure your success.

Horizon become partner with NCR- Biochemical Italian Company to satisfy customer needs in special treatments with qualified well-trained team that provide proper solutions, consulting services along with chemicals cleaning services



# Vision

The Africans First Choice in supplying Water Solutions.

# Mission

Penetrating the Egyptian market (the biggest market in Africa )through an expert team as a solution provider in the field of water treatment chemicals, process chemicals, and plant construction

# Capabilities

**Horizon Chemicals** is one of the Water treatment solution providers in the area of water treatment Chemicals and process chemical applications.



Design, Survey data ,water analysis for water treatment program and plant suits your facility.



Supply solution (chemicals - equipment - service ) to your facility



Supervise and process supplied solution with qualified technical team



Solving problems and raised operation issues through our expert support team

# OUR PRODUCT LINE CLASSIFICATION

Our HC families come with a huge fortune of services compatible with scientific knowledge-based and saturated for your needs.

## Boiler WT products:

Ideal for boiler applications and its auxiliaries (deaerator-condensate line) of the low, medium, and high-pressure boilers. This product series includes:

### HC 2000 SERIES

- Oxygen scavengers
- Scale inhibitors
- Corrosion inhibitors
- Anti foams
- Steam/condensate treatment



## Cooling WT products:

Improves the efficiency and reliability of open, closed and once-through cooling water systems. This product series includes:

### HC 3000 SERIES AND HC 8000 SERIES

- Scale inhibitors
- Corrosion inhibitors
- Copper inhibitors



## Membrane T products Includes:

Ideal for Reverse Osmosis, Nano filtration, Ultrafiltration and Microfiltration treatment systems. This product series includes:

### HC 6000 SERIES

- RO antiscalants
- Biocides
- Chlorine removal chemicals
- Filter Aid



## Wastewater Treatment Products:

Used in sewage treatment plants, industrial process and industrial wastewater treatment. This product series includes:

### HC 9000 SERIES

- COAGULANTS
- FLOCCULANTS
- ODOR CONTROL



### **Biocide:**

All system specially cooling system have to be free of pathogens and micro- growth Horizon provide series

#### **HC 5000 SERIES**

- Non-oxidizing biocides
- Oxidizing biocides

### **Cleaners:**

Used in descalaning, rust removing and during commission and start up of system to keep the system clean and at maxmuim heat transfer level :

#### **HC 1000 SERIES**

- Degreaser
- Desacleing product
- Rust removal
- Boileout product
- Passivating products

## **BIOLOGICAL TREATMENT PRODUCTS**

A wide range of selected bacterial, enzymatic products specific for the treatment of industrial and municipal waste waters, even in the most difficult conditions.



## TECHNICAL SERVICE & TRAINING:

Our technical online team delivers service and support 24 hr. by using all possible means over the Internet to interact with customers to provide information in response to inquiries, concerns, and requests about products or services.

And our Technical Support Consulting Service by our team of specialized engineers can provide you with proper solutions and consultation at your service in your required workspace.



## CLEANING SERVICE:

In 2021 we developed a new department for supplying chemical cleaning services. Our industrial services deliver a superior performance which includes commercial quality.

Chemical cleaning is done (heat exchangers-condensers-boilers-etc) to get rid of scale, rust, and biofouling accumulations. This accumulation decreases ( heat transfer, and water flow rate), raising differential pressure and contributing to the sorting of corrosion called “under deposit corrosion” removing these scales will increase heat transfer capacity, enhancing water flow rate. This accumulation has a different chemical composition (carbonates, sulfates, oxides,--- etc). The choice of Chemical cleaning program depends on (deposits composition- circuit condition - system metallurgy).

Horizon representatives will select the optimal program according to the circumstances of each case.

## PLANTS:

Horizon able to design, Supply and install and of various water plants used in the production of industrial and drinking water

- Filtration system (Ultra filtration system- Multimedia filters-Micron filter-Carbon filters Iron/manganese removal filters)
- water softening
- desalination plant using reverse osmosis technology
- desalination plant ion exchange resins technology
- water sterilization(UV- Ozone generator-chlorine dioxide generator - chlorine controller)

## EQUIPEMNT

We're ready to supply a good quality from:

- Ion exchange resins
- Ultrafiltration modules
- Electrodeionization modules
- Dosing system (selonid and motorized dosing pumps )
- Controller ( PH-Cond.-ORP-Chlorine - cooling tower controller and swimming pool controller )





**GET IN TOUCH!**

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