



- Steel Industry
- Metallurgy
- Mining
- Automotive
- Chemical
- Pharmaceutical
- Petrochemical
- Textile
- Food
- Recycling

*Energy and  
passion to serve*



## SOLUTIONS for the use and reuse of water

### ► SOLUTIONS

#### Supplies

Quality in chemical products and / or equipment to be managed or operated directly by the user.

#### Complete Services

It involves all the activities and factors necessary to carry out a conventional or specialty chemical treatment.

#### Infrastructure projects

Design, engineering and management to rehabilitate, reconfigure, build and / or maintain different types of facilities, under modalities such as BOT, DBO, traditional contracting, associations, etc.

### ► TECHNOLOGIES FOR WATER REUSE

#### Membranes

- \* Ultrafiltration
- \* Nanofiltration
- \* Conventional reverse osmosis
- \* High efficiency reverse osmosis for silica removal
- \* Reversible Electrodialysis (EDR)
- \* Electrodeionization (EDI)

#### Desinfection

- \* Ozone
- \* Chlorine dioxide generated on site

#### Chemical-biological

- \* WWTP
- \* Zero discharge
- \* Seawater desalination

### ► COMPREHENSIVE CHEMICAL TREATMENT

The chemical control program for the different water treatment areas is designed from a specific study by process and water quality, guaranteeing the control of situations such as corrosion, scale, fouling and compliance with regulations or particular customer specifications.

### TQI:

- \* Pretreatment or Clarification
- \* Inverse osmosis
- \* Boilers and kettles
- \* Cooling towers
- \* Condensate recovery systems
- \* Effluents and residuals
- \* WWTP

### ► SPECIALTY CHEMICALS

- \* Corrosion inhibitors
- \* Scale inhibitors
- \* Flocculants
- \* Coagulants
- \* Dispersants
- \* Biodispersants
- \* Oxidizing and non-oxidizing biocides
- \* Oxygen and hydrogen sulfide scavenger
- \* Chlorine dioxide

### ► AUTOMATION AND CONTROL

#### Medere

It controls variable data in the water analysis, automatically adjusting the dose of chemicals to ensure compliance with optimal production levels, with the right amount of product. Flexibility is its main advantage, since the number of inputs and outputs can be adapted to any system; from small cooling towers to systems with dozens of signals, such as boilers, reverse osmosis, closed circuits, effluents and scale pits.

Its interface allows monitoring the system through an IP from a local or remote computer, with wired or wireless means, or by accessing a website. It can also send instant alarm messages via email or SMS, allowing the user a constant update on the status of the system under monitoring.



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