

# HYDREX™

## Boiler Water Management

## Preventive Solutions and Complete Treatment Programs

Corrosion, scaling and deposition can reduce the operating efficiency of the boiler and all the systems connected to the water/steam cycle of the boiler. It will reduce heat transfer rates, cause equipment and piping failure, and increase fuel costs. Hydrex is one tool Veolia Water Technologies offers to prevent these problems.



### HYDREX™ 1000 SERIES

The Hydrex product line includes the 1000 series of high performance chemical formulations for low, medium and high pressure steam boilers and hot water generators.

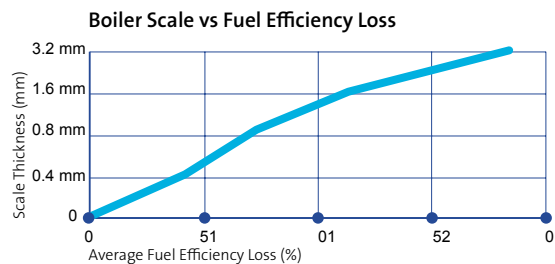
- Small: < 8 T/hr (17,000 lb/hr) steam
- Medium: 8 to 115 T/hr (17,000 lb/hr to 250,000 lb/hr)
- Large: > 115 T/hr (250,000 lb/hr)
- Scale control
- Corrosion control
- Dispersants
- Steam line and condensate treatment
- Oxygen scavengers
- Antifoams
- Resin cleaners

### A global offer

Our industrial water treatment specialists can provide you with efficient boiler feedwater pretreatment technologies such as:

- Reverse osmosis to reduce chemical demand and reduce scaling and corrosion risk
- Softeners for lower pressure systems
- Demineralization for high pressure systems

Scale Thickness in mm	Fuel Loss %
0.4	4%
0.8	7%
1.6	11%
3.2	18%



Hydrex products are especially formulated to optimize the operation of boilers:

- Oxygen scavengers and internal treatment for control of scale forming minerals, sludge conditioners and pH
- Condensate line treatment

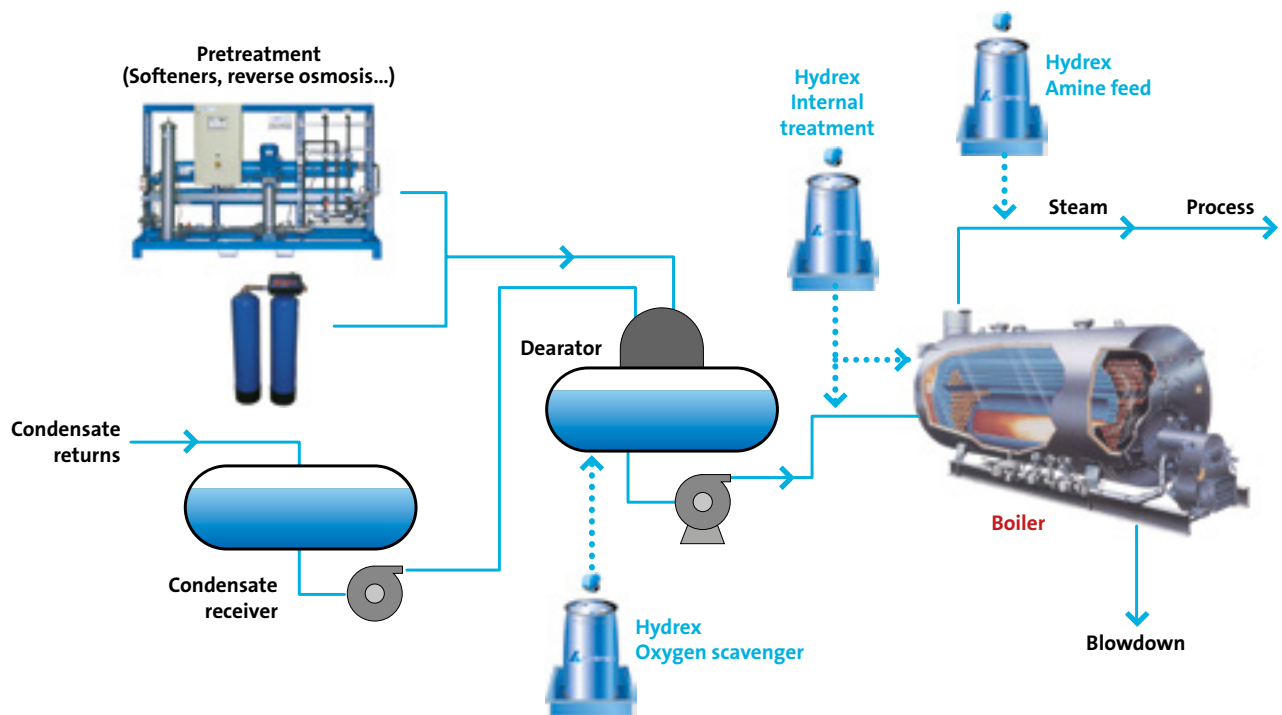
Industrial steam generation and heating is one of the largest consumers of water and energy. Veolia Water Technologies also develops efficient water reuse solutions to produce large volumes of cost effective boiler feedwater.

# A Global Packaged Offering for Boiler Water Treatment

- > Enhancing / restoring efficiency of boilers
- > Maintaining boiler integrity
- > Ensuring safe and cost-effective operation

Veolia Water Technologies can provide you with an efficient and complete boiler treatment program, including Hydrex 1000 Series, the high performance chemical product line for boiler and hot water applications.

## Boiler Treatment Program



**Hydrex is available worldwide**

Contact your local Veolia representative for more information.

