



PRIMARY AND TECHNOLOGICAL WATER TREATMENT

PLANT SOLUTIONS AND TECHNOLOGIES



PRIMARY WATER

Filtration with depth cartridges or filtering media (GAC, pyrolusite, quartzite, glass, zeolites, etc.), softening, chemical conditioning treatments (according to D.Lgs. 18/2023), prevention and control of Legionellosis, UV disinfection, PFAS removal with selective resins.



COOLING CIRCUITS WITH PARTIAL REFILL

Chemical dosing systems, purge systems for the maintenance of concentration cycles, parallel filtration, pre-post treatment of cooling water (with discharge according to the parameters listed in D.lgs. 152/2006 and s.m.i.) control of corrosion rate, monitoring and remote control of the main chemical-physical parameters (ORP, pH, conductivity, etc.).



CIVIL/INDUSTRIAL CLOSED CIRCUITS

Dosing systems for conditioning and protective chemicals, design of side-stream remediation systems with magnetomechanical filters, pre-assembled skid-mounted solutions for the treatment of make-up and/or recirculated water, corrosion rate control.

THERMAL POWER STATIONS

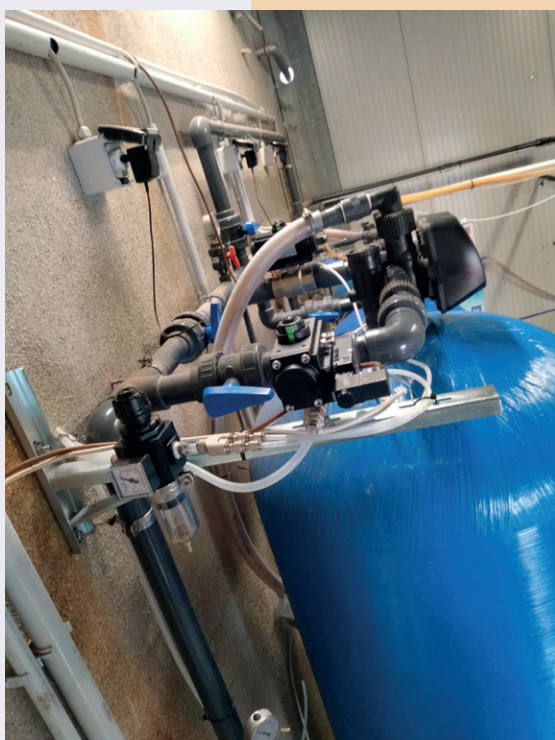
Pre-treatment of feed water for steam generators and boilers containing hot/overheated water (filtration, ultrafiltration, reverse osmosis), chemical conditioning dosing stations, monitoring and remote control of key chemical/physical parameters.



MAIN SECTORS COVERED

- Agri-food business
- Pharmaceuticals
- Plastic moulding
- Residences, hotels and accommodation
- Energy industry*
- Tanneries
- Mechanical/steel industry
- Chemical industry
- Healthcare facilities

* Including refrigerators, burners, plant operators working in cogeneration/trigeneration plants



PRAGMA CHIMICA'S SOLUTIONS

- ✓ Ready-to-use plants, also available on pre-assembled skids
- ✓ After-sales/global service
- ✓ Consulting and design, tailored to customer requirements, considering the end use of water and applicable regulations
- ✓ Plant installation (both mechanical and electrical parts on request)
- ✓ Revamping of existing water treatment plants



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