



WATER TREATMENT FACILITIES, PUMPING STATIONS, COOLING CIRCUITS, MODIFICATION OF INDUSTRIAL WATER

Water treatment facilities of industrial businesses includes water circuits with a wide range of usability. We design and implement water circuits and all types of pumping stations, for any transported amount and pressure levels.

GENERAL PARAMETERS OF EQUIPMENT

- From simple operational sets to complex operational units
- Open, semi-open and closed water circuits
- Pumping of raw, circulatory, heated, cooled, waste, oil, iron scale, etc. water
- High level of automation control
- Implementation of "custom-built" business cases

Water treatment facilities of industrial businesses is generally made up of operational sets: pumping station, cooling (heating exchangers, cooling towers), filtration (sand, mechanical), chemical modification and dosing of chemicals (according to requests and features of the circuits), purification of industrial waste water, etc.

WHAT WE OFFER TO THE CUSTOMER



SUPPLY OF NEW WATER TREATMENT FACILITIES

- Design of a complex solution for the water management issue (including dynamic assessment, optimization of energy consumption, solving renewable sources of energy, etc.)
- Implementation in the areas of construction, engineering, electrical, measuring and regulation, including the controlling and visualization SW

- Complete project documentation for related activities and technology, building documentation, the actual building and introductory documentation, including the related testing and quality certification of individual parts and the whole unit
- Controlling technology in the manual, semi-automated and fully automated regimes, including the relation to the superior control system
- Supply of equipment to the worksite, assembly, running, individual and complex testing
- Service training, warranty and post-warranty service



MODERNIZATION/RECONSTRUCTION OF THE EXISTING WATER TREATMENT FACILITIES

- Analysis of the current situation, performance assessment of the operational circuits, review assessment of the branched out circuits, optimization of energy consumption, dynamic assessment of the whole technology or partial technological intersections
- Proposal of options for modifying the technological solution
- Selection of the optimal solution, focusing on maximum usability for the operator
- Implementation of partial modifications, re-building or implementation of the entire investment unit