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TadarokAB Engineering Company

***DESIGN & EXECUTION OF
 WATER AND WASTEWATER TREATMENT
 SYSTEMS***

تدارکاب



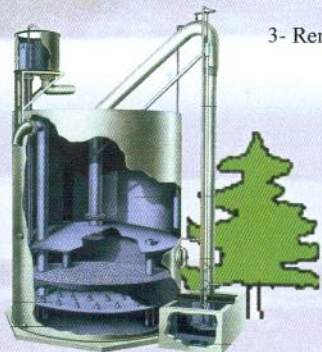


Water is the most essential and valuable for the survival of all living things. The importance of the quality of water for potable, sanitary, industries and ... is very clear to everyone. On the other hand human and industries improvement, threat the environment due to water consumption and contamination and producing waste waters. TadarokAB Engineering Company is active in industries and sanitary water and waste water treatment systems with applying the expert engineering teams and also modern technologies and research.

The most prominent activities of our company are as follows:

Design, Manufacturer and Procurement of Industrial and Potable Water Treatment Systems

- 1- Removal of suspended solids, turbidity, color and odor of water by using :
 - Coagulation, flocculation and settling systems including flocculators and clarifiers
 - Filtration system including pressurized, gravity and disc filters with manual or automatic back wash (sand, dual and multi media, activated carbon, ...)
 - Sand and grit removal system including hydrocyclones
 - Disinfection systems including liquid and gas chlorinators, ozone generation systems and UV system
 - Deaerators and degasifiers
- 2- Removal of dissolved solids by using:
 - Reverse osmosis systems
 - Resin ion exchangers
- 3- Removal of hardness by using
 - Lime- soda process
 - Resin softener



Design, Manufacturer and Procurement of Industrial and Sanitary Wastewater Treatment Systems

- 1- Physical and chemical treatment by using of
 - Manual and mechanical screens
 - Coagulation-flocculation and settling systems
 - Floatation systems
 - Chemical dosing system for pH adjustment and also coagulation systems
- 2- Biological treatment including:
 - Activated sludge process by using surface mechanical aerators and air diffusion systems
 - Aerobic and anaerobic lagoons
 - Sludge digestion and dewatering systems
- 3- Oily water treatment systems by using:
 - Gravity separators (API)
 - Plate Interceptors (CPI)
 - Dissolved Air Floatation systems

Cooling tower water treatment systems including side stream filters and chemical conditioning dosing systems

- Mobile waste water treatment package including aeration tank (equipped with mechanical surface aerators or air diffusers), settling and chlorination tanks
- Supplying chemicals for oil, gas and petrochemical industries

Preparation and Procurement of required equipment of Water and Wastewater Treatment Systems including:

- Trash screens, communitors , aerators, air blowers
- Pumps including submersible pumps, chemical dosing pumps and
- Electrical and instrument equipment and laboratory equipment
- Engineering services and consultant for water and waste water treatment systems (sanitary and industry)
- Operation and maintenance of existing water and wastewater treatment systems with modern methods and personnel training courses.

