



TECHNO ABZY GROUP

Aquaculture and waste water treatment
consulting, designing And manufacturing group



- تصفیه آب های آشامیدنی برای جداسازی سیانوباکتريا، فیتوپلانکتون ها و زئوپلانکتون ها
- پولیشینگ آب خروجی از واحد های تصفیه فاضلاب و جایگزین فیلترهای شنی
- پولیشینگ فاضلاب های صنعتی و کاهش BOD و فسفر
- تصفیه آب کولینگ تاورهای نیروگاه های حرارتی
- تصفیه پساب شستشوی فیلترهای شنی برای استفاده مجدد در تصفیه خانه های آب شرب
- تصفیه آب خروجی از واحدهای لجن فعال بعنوان جایگزین بسیار اقتصادی رسوبگیری های ثانویه
- تصفیه اولیه فاضلاب خام ورودی به تصفیه خانه های شهری برای کاهش TSS به جای دانه گیر و ته نشینی اولیه
- تصفیه آب ورودی در سیستم های آبیاری تحت فشار

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Introduction :

The Technoabzy group started its activity as the only conglomerate in the country consisting of an advisory panel of experts, an equipment production factory, and a sales firm started its activity in 2000.

The group's aquaculture services are as follows:

- Feasibility study of water sources, including dam reservoirs, rivers, lakes, ponds, etc.
- Design and supervision of the construction of aquaculture farms
- Manufacture of equipment and devices used in aquaculture and water and waste water treatment
- Consultation and supervision of construction of aquaculture farms.
- Providing commercial advice in the field of aquaculture



The Techno-Abzy Group is proud to have obtained in its operational history 96% confirmation of nominal capacity from the Iranian Fishery Organization and 93% confirmation for three farms of the Central Province Fishery Organization

It has also succeeded in patenting 11 aquaculture devices. The Techno-Abzy Group is a corporation of consultant engineers and manufacturing section in the field of aquaculture equipment production. The Techno-Abzy group is unique in IRAN in its operational history in its variety of products (over 35 products used exclusively in the field of aquaculture). In this regard, the Techno-Abzy Group is fully capable of offering all kinds of technical advice and supervisory support.



Products and services

Technoabzy group has so far created, equipped, and started 18 aquaculture farms with different production capacities. In terms of production, it has been ranked as the most prodigious and successful aquaculture equipment producer in IRAN. Today, it is highly productive and with great technical ability,

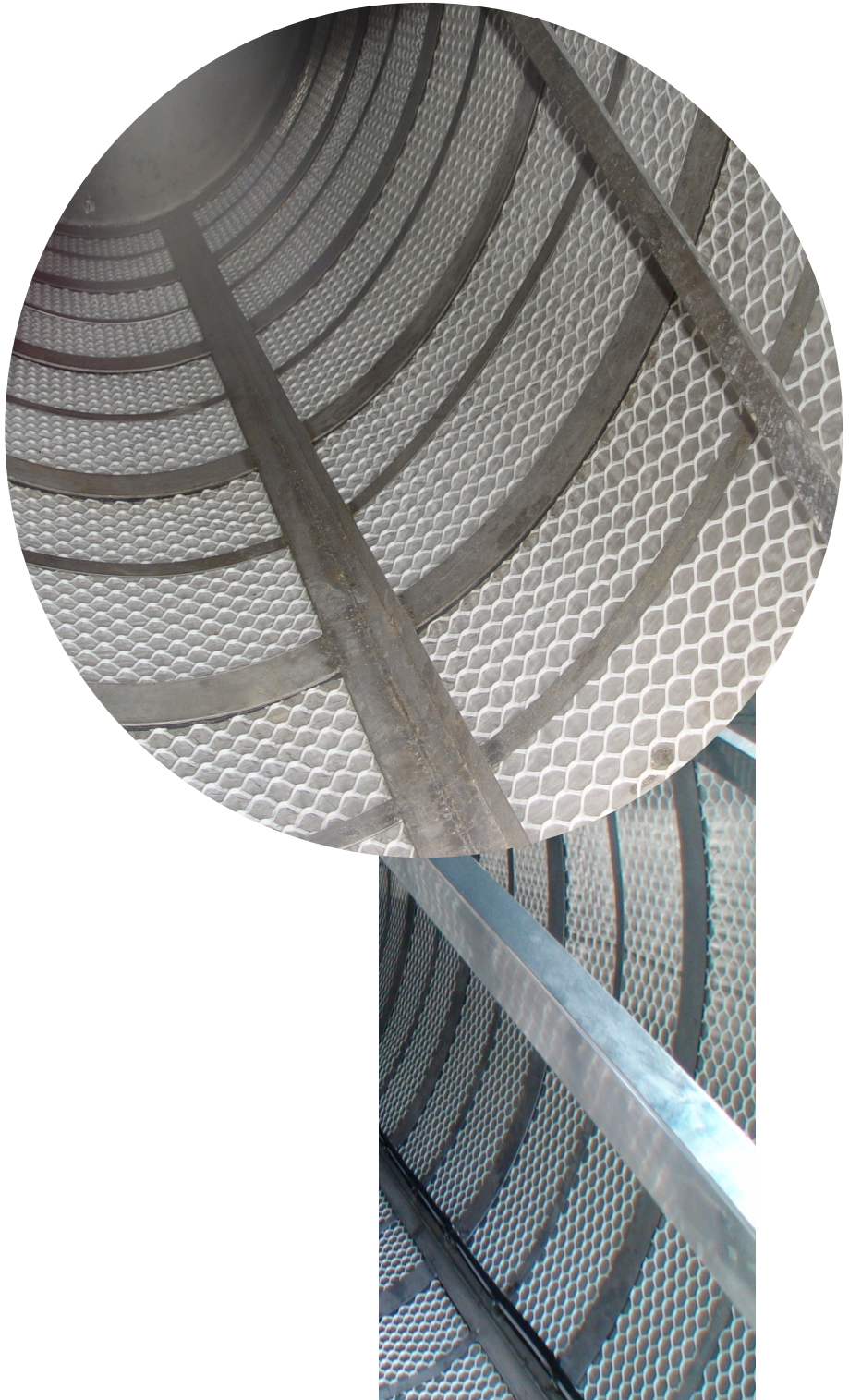


The farms built by this company have been of the simple re-circulating and closed re-circulating fish farms based on the Saba and Sahand schemes. The machinery and devices made by this company include the various types of aerators (**packed column, splash, super splash, air jet, combo jet, super force, turbo splash, paddle wheel aerators**), water oxygenation devices (including **oxygenator cone and Oxytach 3002**), **drum filter and disc filter** (for removing particles from water), as well as devices for removing ammonia from water (including several kind of **bio filter and ion-exchange reactor**), water sterilizer (**ultraviolet device and ozone generator**) various control and directing systems, and various fishery devices, including **fish sorters, fish counters, and egg incubators**.



Physical filtration

Micro strainer





TECHNO ABZY GROUP

Micro strainer





Micro strainers



The Techno-Abzy drum filter is a highly efficient filter for continuously removing suspended particles from effluent water in fish ponds. It is fully self-cleaning, conducting the filtering and cleaning of the meshes in the filter automatically and simultaneously.



The Techno-Abzy drum filter normally comes with a filtration rate of 5 to 1000 liters per second varieties, with a mesh size of 2 micrometers. It can be manufactured with greater rates on order. The Techno-Abzy drum filter is produced in two series, 700 and 1400. What makes the Techno-Abzy drum filter distinct from the other devices of its kind is the advanced technology used in the insulation and sealing (mechanical seal) of its entry. It is unique in its type and has been patented. In the Techno-Abzy drum filter, all the parts, including the chassis, the central drum, the panels, the meshes, the holders of the meshes, and the tank, are all made of stainless 304 or 316 steel, according to the case.



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Micro strainers



Farm Mr. Vahhabli (Iran, The west Azarbayejan, Oroomieh)



Farm Mr. Rahimi (Iran, Alborz, Robat karim)



Farm Mr. Vandadi (Iran, Mazandaran, Sari)



**More than
400 technoabzy micro strainers
Is in operating now**



Micro strainers

Ghezlan fish farm (Iran, Gilan, Masal)



Farm Mr. Mahmoodi (Iran, Chaharmahal, Lordegan)



Farm Mr. Ebrahimi (Iran, Mazandaran, Amol)



Farm Mr. Eslami (Iran, Mazandaran, Sari)





TECHNO ABZY GROUP

Golpayegan refinery





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Golpayegan refinery





TECHNO ABZY GROUP

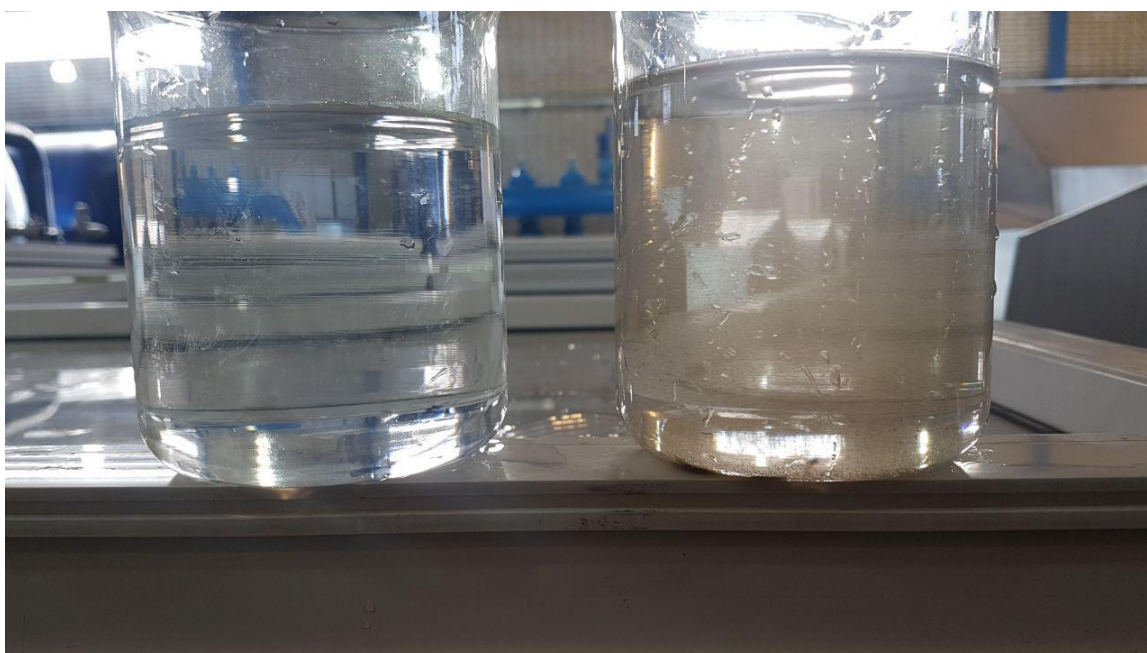
Khonsar refinery





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Khonsar refinery





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Pardis city refinery





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Pardis city refinery





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Tehran municipal refinery





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