

Public joint-stock company "Polymersintez" is one of the leading companies in water business in Russia with specialization in the field of polymeric membranes & membrane processes. "Polymersintez" was set up in 1992 on the basis of State Research Institute (until 1992 known as NPO "Polymersintez") which used to be the leading organization within the Interbranch scientific-technical complex (ISTC) "Membranes" and coordinated all R&D work performed in the country as far as membrane processes were concerned.

Now "Polymersintez" has 50 years of experiences in the water treatment sector with respect to the permitting, design, construction, testing, operation, maintenance, repair, replacement and management of water treatment facilities.

The "Polymersintez" group of companies includes:

- Physicochemical and environmental laboratories,
- Russia's only production of tubular and spiral wound membrane modules,
- Engineering company for water and wastewater treatment,
- Production of polymeric materials for the solution of environmental issues (materials for aqueous media purification from hydrocarbon contamination, containment of oil spills).



The specialization of the "Polymersintez" group:

- Production and R&D in the field of membrane separation of liquids and gases;
- Production of membrane separation modules for different types of water (marine, underground brackish, polluted), Corrosive and highly viscous media (hydrocarbons, multi-component effluents of organic and inorganic origin),
- development, implementation, operational support of technologies and equipment for water and wastewater treatment.

"Polymersintez" provides services on all cycle of works from the choice of technology – design – development of design documentation – production of the equipment - deliveries of accessories – installation and commissioning upto service. This allows to reduce the total cost of projects, improve the quality and reliability of equipment, ensure the guarantee and smooth operation of water treatment and wastewater treatment facilities.



New technological processes that optimally combine original development, traditional and advanced technologies, allow not only to increase the degree of environmental safety of production, but also to reduce operating costs, consumption rates of raw materials, which makes the products of "Polymersintez" competitive and in demand in the market.

"Polymersintez" offers a full complex of services in water business, including:

- Technological and environmental surveys of industrial and other water treatment facilities;
- Technical advice and revision of technical proposals using the latest achievements in the field of membrane technologies and traditional methods of water treatment;
- Research and development work on the implementation of new technologies and equipment;
- Water analysis and development of new methods for water and wastewater analysis;
- Preliminary design and cost estimating;
- Governmental Approvals. Environmental Mitigation Measures;
- Water Treatment Process Design;
- Design and Engineering;
- Preparation of design and project documentation;
- Production of non-standard equipment and equipment in modular solution;
- Procurement of water and wastewater treatment equipment;
- Construction and installation works;
- Commissioning and start up works;
- Training of maintenance personnel;
- Warranty, post-warranty and service maintenance.



"Polymersintez" gives solutions for water and discharge problems through the design, fabrication and start up of turnkey projects across all territory of the Russian Federation: Drinking water (including Mobile drinking water treatment plants for emergencies and isolated places), Waste water treatment, Industrial water and reprocess, Dairy industry, Food and beverage, etc.

Public joint-stock company "Polymersintez" has the best human, technical and logistic resources for the development of turnkey projects anywhere around the world.

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