JURBY
WATERTECH

JURBY WATERTECH INTERNATIONAL

ENGINEERING DIVISION

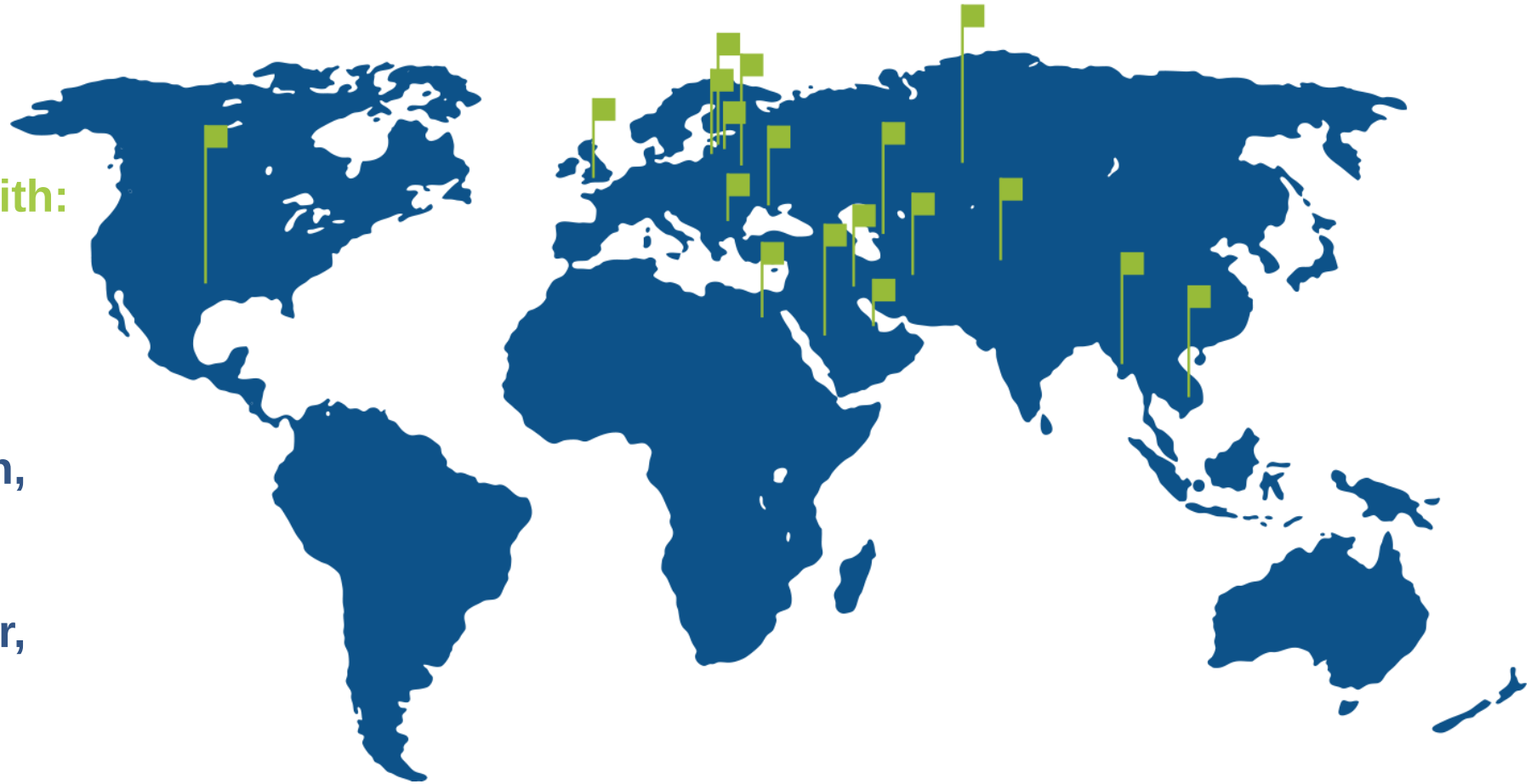
JURBY
WATERTECH

Mission - Jurby WaterTech International implements innovative and effective water treatment technologies for all spheres of human life.

Actively developing, technologically integrated engineering and chemical company.
The international leader in industrial and drinking water treatment field.

JURBY WATERTECH INTERNATIONAL GEOGRAPHY OF PROJECTS

Countries we work with:
Kazakhstan, Uzbekistan, USA, Lithuania, Latvia, Estonia, Belarus, Ukraine, Great Britain, Saudi Arabia, Egypt, Vietnam, Bahrain, Kyrgyzstan, Myanmar, and Romania.



JURBY WATERTECH

INDUSTRIES WE WORK

- OIL REFINING AND PETROCHEMICAL
- OIL AND GAS INDUSTRY
- MUNICIPAL UTILITIES SECTOR
- AGROCHEMISTRY AND FERTILIZER INDUSTRY
- METALLURGICAL INDUSTRY
- AGRO-INDUSTRY
- CHEMICAL INDUSTRY
- POWER ENGINEERING INDUSTRY
- COAL AND MINING
- PHARMACEUTICAL INDUSTRY
- FOOD INDUSTRY

OPPORTUNITIES AND BENEFITS OF PRODUCTION CAPACITIES

EN ISO/IEC 17021-1
S2-564

bmcertification

CERTIFICATE

BM Certification certifies that

JURBY WATER TECH
Europos av. 23,
LT-46329 Kaunas,
Lithuania

quality management system has been audited and found to meet the requirements of standard
ISO 9001:2015

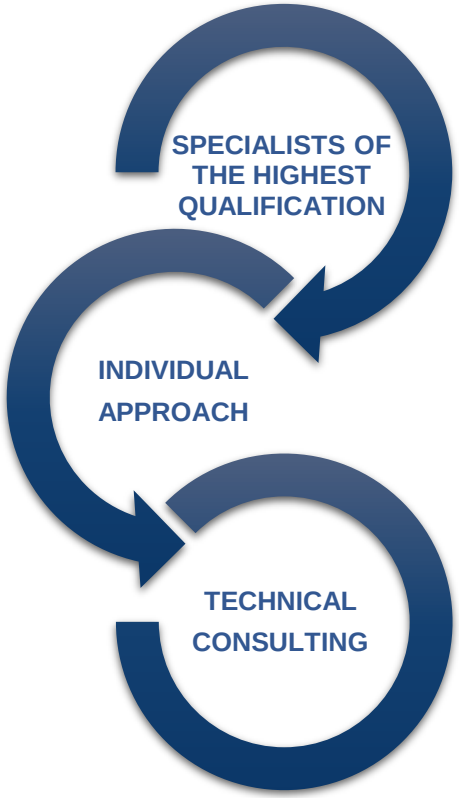
Scope of certification
Design, manufacturing and construction of water treatment plants.
Production and sales of water treatment reagents.

Certificate number:
MSC-9-609

Issue number:
2021-01
Certificate issue date:
20 January 2021
Certificate effective date:
20 January 2021
Certificate expiry date:
19 January 2024
Date of initial certification:
20 January 2021

Jānis Švirksts
Member of the board
BM Certification

- **American Association of Technical Engineers Certificate of Recognition and Approval ASME S, ASME U, ASME U2.**
- **Certificate "American Petroleum Institute" on the recognition of conformity with the API Q1 specification.**
- **Certificate from the “National Board Of Boiler And Pressure Vessel Inspectors” granting the right to use the symbol R.**
- **Certificate ISO 9001-2016 (9001:2015)**



JURBY WATERTECH INTERNATIONAL PRODUCTION FACILITIES

INTERNATIONAL QUALITY STANDARDS

The production base of the company, with an area of 5500 m2, is equipped with modern equipment, machine tools, fixtures and tools from leading world manufacturers.
All production processes are certified in accordance with ISO 9001 as well as international standards ASME and EN.

Much attention is paid to modern and efficient methods of organizing, maintaining and managing production processes.

WELDING WORKSHOP

ASSEMBLY WORKSHOP

LONG-TERM WAREHOUSE

LOGISTICS CENTER

JURBY WATERTECH INTERNATIONAL SUPPLIERS:

The company cooperates with world-renowned key suppliers and has agreements that guarantee the uninterrupted supply of components and materials for equipment manufacturing projects.

Jurby Watertech customers are freed from the difficult choice of suppliers and coordination of individual parts of the project, we optimize the financial costs of the client and reduce the likelihood of errors.

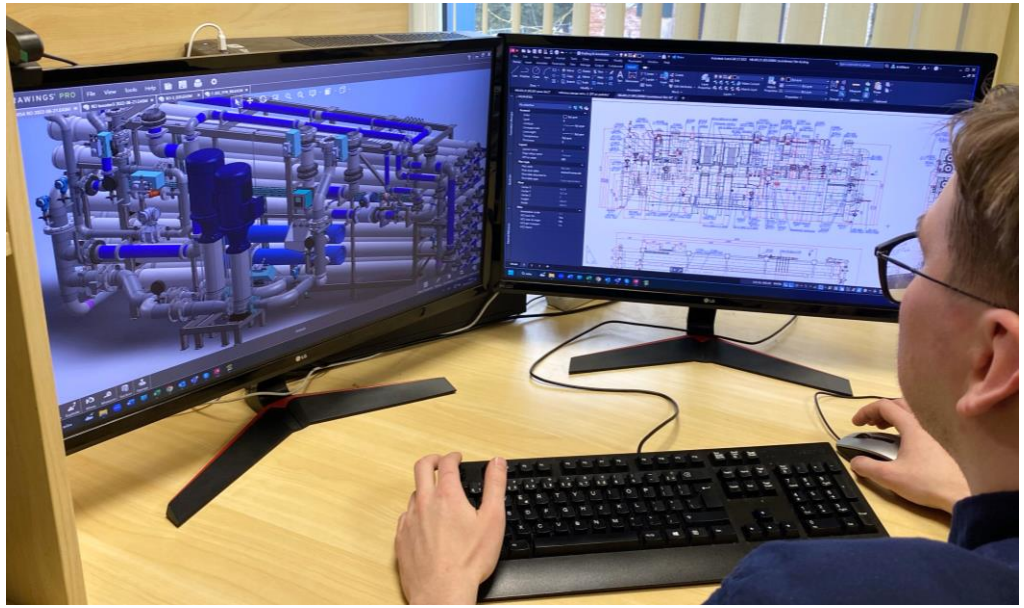
Nitto Innovation for Customers
HYDRANAUTICS
SCHNEIDER GROUP
EMERSON
KSB
SIEMENS
DUPONT
Endress+Hauser People for Process Automation
GRUNDFOS
VEOLIA
LANXESS Energizing Chemistry

ENGINEERING DIVISION

SERVICES PROVIDED

Technological solutions for water and wastewater treatment, high-quality “turnkey” project implementation, service maintenance of industrial and drinking water purification and treatment equipment.

- “Turnkey” project implementation;
- Inspection and analysis of the water treatment systems effectiveness;
- Development of optimal engineering solutions;
- Pilot tests;
- Feasibility studies;
- Equipment manufacturing;
- Installation supervision;
- Commissioning;
- Training of operating personnel;
- Service;
- Project management;
- Warranty service.

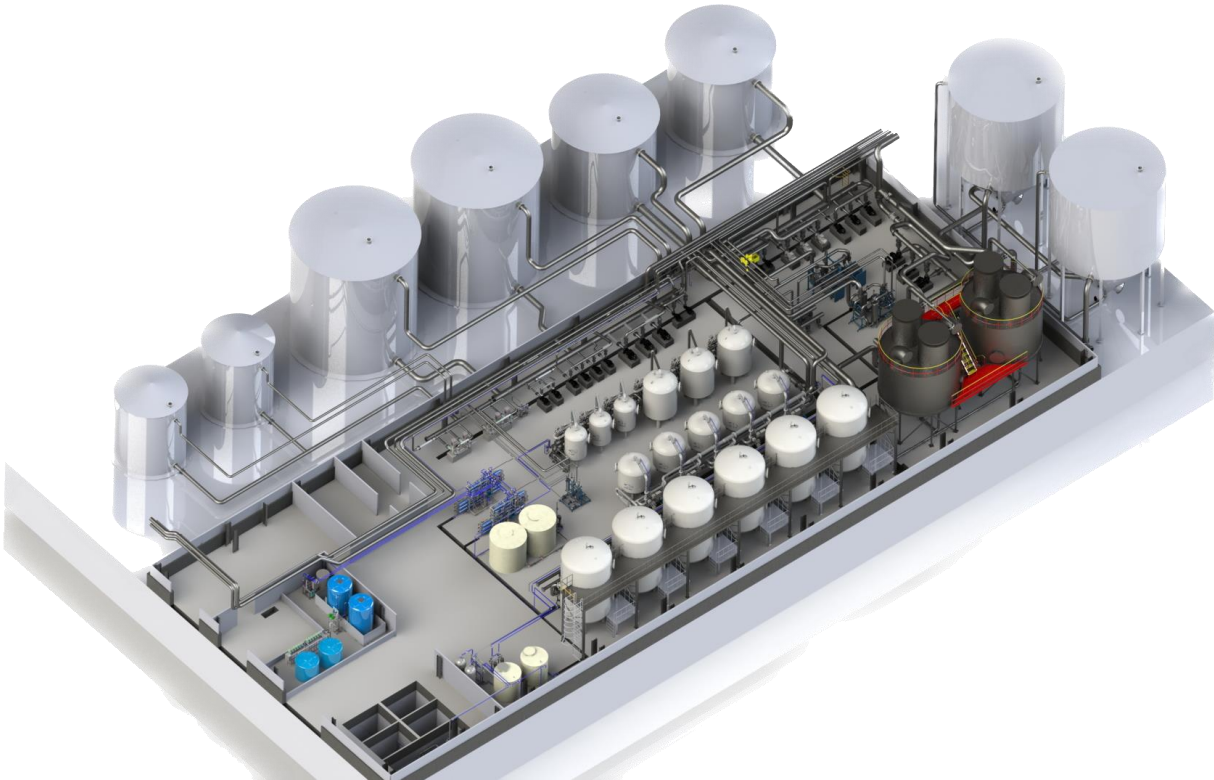


JURBY WATERTECH INTERNATIONAL
TAILOR-MADE OEM SOLUTIONS

DESIGNING

We provide basic and detailed design, 3D modeling including final design, specifications, water treatment process technology selection, equipment sizing, and electrical and automation design.

Engineers rely on advanced technology to meet customer requirements and provide high quality water treatment systems. Each application is considered individually, taking into count all the features of the project.



PROVIDED SERVICES JURBYFLOW

ULTRAFILTRATION SERIES UF

Designed to remove from natural and wastewater:

- suspended solids;
- colloidal impurities, iron, aluminum, humates;
- turbidity and color of water;
- SDI < 3.

ELECTRODEIONIZATION SERIES EDI

Designed for deep water desalination reducing electrical conductivity to 0,1 µS by combining ion exchange and electrodialysis methods.

REVERSE OSMOSIS SERIES RO

Designed to remove dissolved impurities and desalinate water with minimal consumption of chemicals.

MEMBRANE DEGASSING SERIES MDE

Designed to remove dissolved gases (oxygen, carbon dioxide, etc.) from water.

PROVIDED SERVICES JURBYFLOW

SEA WATER DESALINATION

Reverse osmosis (RO) is the most widely used membrane desalination technology designed to desalinate water with minimal consumption of chemicals.

Membrane processes use reverse osmosis and high pressure to force saltwater through very fine, porous filters that retain the salts, leaving pure water on one side of the membrane and the waste stream on the other side.

The salts and other impurities are retained on the side of the saltwater supply. RO is efficient for low or high concentrations of salts and can thus be used to treat brackish water as well as seawater.

PROVIDED SERVICES AQUAHARD

ION EXCHANGE FILTRATION PLANTS SERIES I

Designed for purification of natural and wastewater from dissolved impurities by ion exchange technology.

PUMP STATIONS SERIES P

Designed to supply and increase the pressure of water, effluents, pumping out drains and sludge.

CLEAN-IN-PLACE UNIT SERIES CIP

Designed for ultrafiltration, reverse osmosis or electrodeionization membranes chemical cleaning without disassembly or dismantling in order to restore the original membranes performance.

DOSING UNIT SERIES MX

Designed for dosing chemical solutions such as:

- Coagulants and flocculants;
- Acids and alkalis;
- Antiscalants and biocides;
- Nutritional Supplements for MBR.

FILTRATION UNIT SERIES MF AND AC

MF – to purify by pressure filtration removing suspended solids, iron and manganese.
AC – to purify from toxic substances, dissolved impurities, gases, heavy metals, improve odor, taste and color by sorption filtration.

PROVIDED SERVICES GREENFORT

MEMBRANE BIOREACTOR SERIES MBR

Designed for biological wastewater treatment reducing organic impurities, biogenic substance, suspended solids and colloids to permissible concentration in waterbodies.

OIL TRAP SERIES OS

Designed as thin-layered settling tank for the wastewater, which contains oil products, treatment. It serves to separate suspended sediments from wastewater and to collect pop-up oil products.

FLOTATOR SERIES FL

Designed to reduce high concentrations of suspended solids, oil products and other emulsified liquid substances in wastewater.

SLUDGE TREATMENT PLANT SERIES ST

Technological solution for sludge from wastewater treatment by dehydration and thickening and pretreatment of natural waters.

PROVIDED SERVICES A-STREAM

CLARIFIER SERIES CD

Designed to purify natural and wastewater from suspended solids and coarse impurities at about 6-8 m/h operating deposition rate.

SCOPE OF APPLICATION:

- Pretreatment in industrial water treatment systems;
- Removal of suspended solids and coarse impurities during disposal of waste and wastewater.

DIVISION OF ENGINEERING

LIST OF COMPLETED PROJECTS

CHEMICAL INDUSTRY

DOROGOBUZH
MINERAL FERTILIZERS AND PRODUCTION OF INORGANIC CHEMISTRY

INTENDED PURPOSE:

Boiler make-up;
Technology needs.

TECHNOLOGY:

Filtration unit 550 m^3/h;
Ion Exchange unit 440 m^3/h.

URALKALI
LEADING VERTICALLY INTEGRATED PRODUCER OF POTASH

INTENDED PURPOSE:
Boiler make-up.

TECHNOLOGY:
Filtration unit 260 m³/h;
Softening unit 260 m³/h.

ACHEMA, LEADING PRODUCER OF NITROGEN FERTILIZERS AND CHEMICAL PRODUCTS IN LITHUANIA

INTENDED PURPOSE:

Boiler make-up.

TECHNOLOGY:

Clarification unit 750 m^3/h;
Ion Exchange unit 750 m^3/h;
Mixed Bed unit 590 m^3/h.


THANK YOU!
JURBY WATERTECH INTERNATIONAL
www.jurby.com