



vortex
WATER ENGINEERING

WHO WE ARE

In 2019 we founded VORTEX Water Engineering with intention to create an environment rooted in the highest standards of professional ethics.

Our core objective is to ensure fast, thoughtful action throughout the course of each project, and stay within the agreed timelines and budget.

We work with knowledge, precision, and punctuality.

OUR MILESTONES

2019 - Vortex Water Engineering Was Founded

2020 - The First Major Order Has Been Placed

2021 - Established a partnership with KROHNE

**2024 - Provided Services to a Dutch Company
for the First Time**

WHAT WE DO

VORTEX Water Engineering offers certified equipment from the world's leading companies, designed for water quality measurement and treatment.

We provide full installation and commissioning of all instruments across Georgia.

STRATEGIC PARTNERS

Authorized Regional Representative for:

HACH | KROHNE | ATB Water

VEOLIA | In-Situ | Pentair

Nijhuis Saur Industries

SAMSON | ESTRUAGUA

WATER ANALYTICS



- Laboratory and Process Analytics for all HACH Equipment
- Selection, Supply, and Technical Service
- High-precision sensors and chemical reagents



FLOW MEASUREMENT

KROHNE

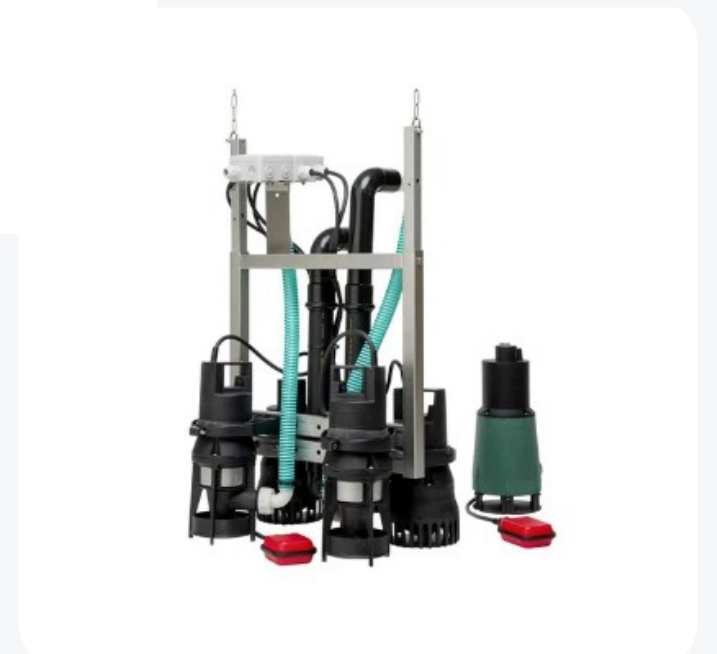
- Industrial Flow & Level Solutions for all KROHNE instrumentation
- High-precision electromagnetic, ultrasonic, coriolis, variable area, and vortex flowmeters
- Temperature, pressure and level measurement



COMMERCIAL WASTEWATER



- SBR Technology and decentralized solutions for wastewater systems
- Scalable biological treatment plants and recycling systems
- Solutions for commercial and municipal applications



Pumping Technology



- Sewage and Drainage Solutions for domestic and industrial use
- Robust pumping stations, submersible pumps, and control units



Water & Wastewater Solutions



- Industrial Water Cycle Management and advanced process solutions
- Specialized chemicals and high-efficiency treatment technologies



Environmental Monitoring



- Groundwater and Surface Water Analytics for environmental assessment
- Rugged multiparameter sensors and remote telemetry systems



Industrial Water Treatment



- Industrial and municipal wastewater treatment systems
- Sludge management and resource recovery for industrial applications



Water Flow Control

SAMSON

- Process Automation and Control for industrial water systems
- High-performance control valves, actuators, and positioners



Pumping and Ultrafiltration Solutions



- High-efficiency centrifugal pumps and X-Flow ultrafiltration technology
- Advanced membrane purification for industrial and municipal infrastructure



Water Treatment and Desalination Systems



- Mechanical Pre-treatment and Screening for wastewater plants
- Automated screens, grit classifiers, and solid separation units



LATEST PROJECTS

- Black Sea Petroleum – Full cycle of technical water extraction, treatment, and distribution systems.
- Indorama (Rustavi Azot) – Supply and verification of physical parameter control systems for acids in a new chemical plant.
- Baghdati and Sairme Municipalities – Process design for drinking water treatment technologies.
- SOCAR – General agreement; framework contract for the supply of water analytics laboratory equipment.
- Noste – Design, engineering, and installation of industrial wastewater treatment systems.
- Prime Concrete – Setup of the wastewater treatment plant (WWTP) laboratory in Martvili

Our Clients





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Tbilisi, Georgia | South Caucasus