



EQS

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Etlad Quality Solutions JV

**COMPANY PROFILE**  
**2025**



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# INTRODUCTION

EQS will provide customers with efficient solutions in water & wastewater sectors. We've been building and maintaining close, fruitful partnerships with our customers across Jordan, Iraq, Saudi Arabia, UAE and Lebanon. Whether we're working with governmental entities, mining companies, contractors, hotels, or agricultural operations, we are committed to adding a real value to the relationship.

At EQS, we are dedicated to transforming the way water and wastewater are treated. Our mission is to provide cutting-edge technologies and solutions that ensure clean, safe, and sustainable water for communities and industries worldwide.



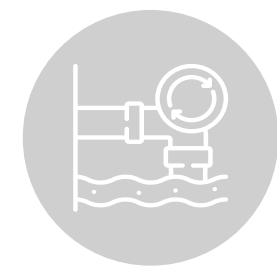
EQS is Specialized in water and wastewater treatment plants & equipment, we offer comprehensive solutions tailored to meet your specific needs including packaged WWTP's with all technologies and related equipment such as:

- Screens and Grit & Grease Removal units
- Pumps
- Mixers
- Surge Tanks
- Valves
- Pipes & Fittings
- Gas & Liquid Chlorination System
- Package WWTP
- Water Monitoring System
- Smart Irrigation System
- Odor Control Systems
- Emergency Scrubber Systems
- Overhead Cranes
- Grey Water Systems
- Wastewater Treatment Equipment
- Aeration System Energy Saving Solutions
- Chemical Dosing System

**And wide range of instruments including:**

- Level & Pressure Transmitter
- EM Flowmeter
- Ultrasonic Flow & Level Meters
- Pressure Gauge & Switches
- Hydrostatic Level Sensors
- Parshall Flume

# WHAT WE OFFER



## Advanced Treatment Technologies

Discover our range of innovative treatment systems and equipment designed to meet the highest standards and efficiency of wastewater.



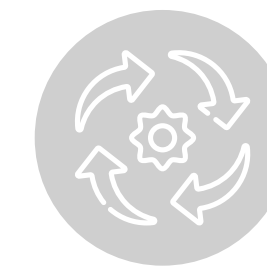
## Custom Solutions

Whether you need a solution for municipal wastewater treatment or industrial wastewater treatment, our experts will work with you to develop a tailored approach.



## Expert Consultation

Our team of experienced engineers and specialists are here to provide guidance and support for all your water & wastewater treatment needs.



## Sustainability Focus

Learn about our commitment to sustainability and how our solutions help reduce environmental impact and promote resource conservation.



# VISION

Design Built and solution provider. And Regional Leader for Water and Waste Water Treatment Plant, delivering quality end products with excellent performance.

# MISSION

EQS monitors, scrutinize and implement intentional ethical standards in all dealings, locally, regionally and internationally. We are committed to continuous improvement and making a positive , environmentally conscious contribution to both our local community and boarder global society.



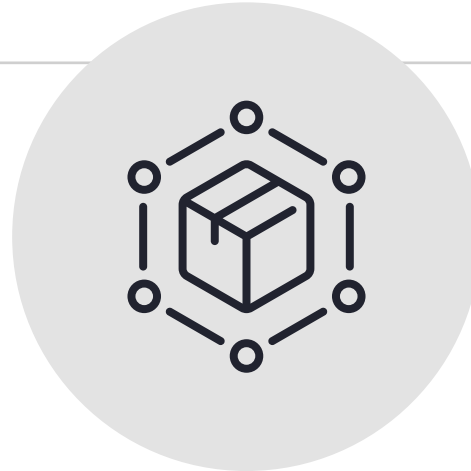
# OUR SERVICES

01



**Design**

02



**Supply**

03



**Installation**

04



**Engineering**

05



**Operation & maintenance**

06



**Commissioning**

07



**Solutions provider**

# REFERENCES & CLIENTS

## Iraq



**Republic of Iraq**

Ministry of Construction and Housing  
and Municipalities and Public works



Iraq

## KSA



وزارة المياه والكهرباء  
MINISTRY OF WATER & ELECTRICITY



العيوني  
AL-AYUNI

## Jordan

وزارة المياه والري  
المملكة الأردنية الهاشمية



**MANASEER**  
Industrial Complex

مياهُنا  
miyahuna



مياه  
اليزموك  
yarmouk water



## International



**ACTED**



**UNOPS**

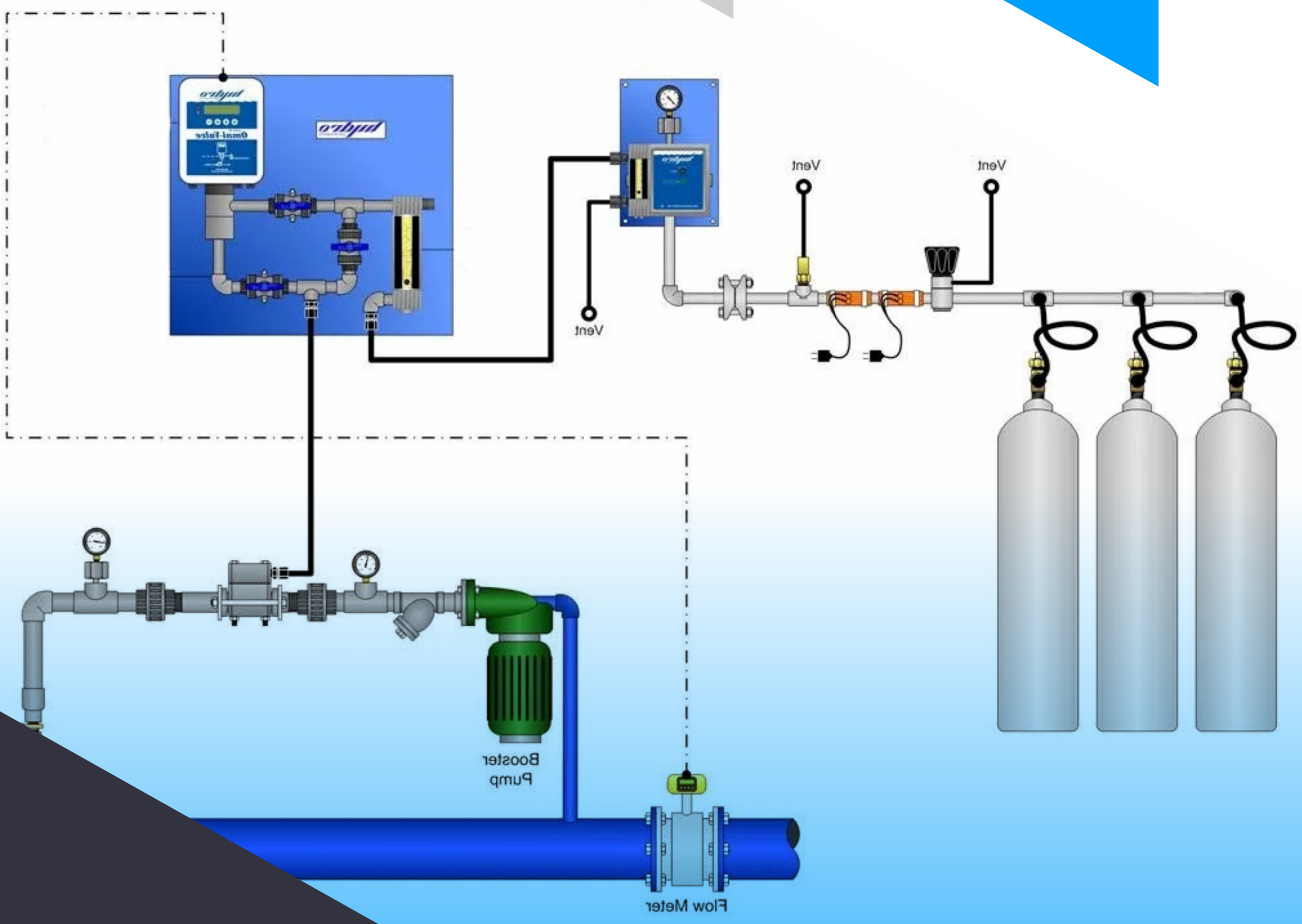
**FCA**

Finn Church Aid



# PARTNERS





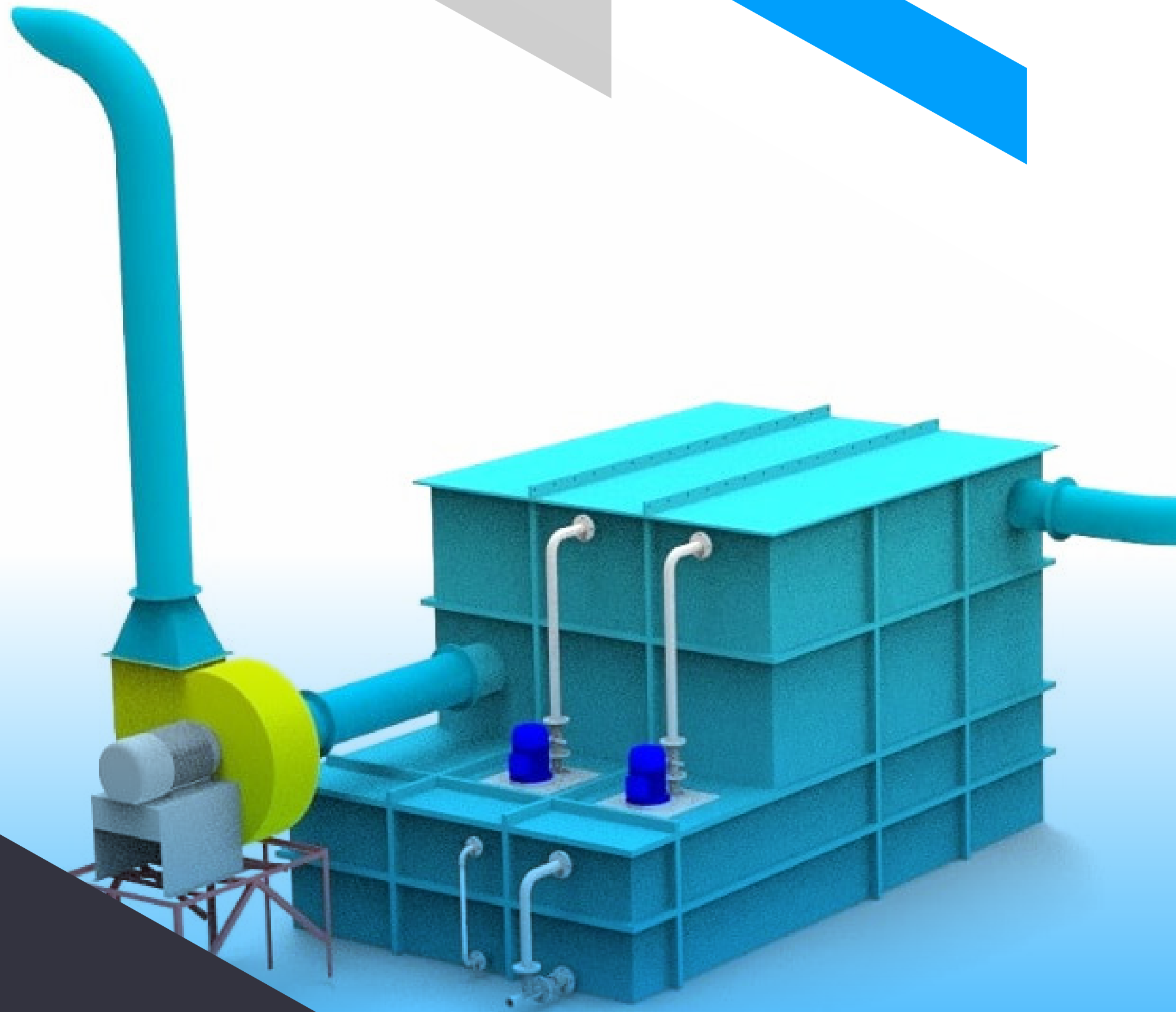
## CHLORINATION SYSTEM

- Gas Chlorination System
- Liquid Chlorination System
- Chlorine Vaporizer Units
- Carbon Dioxide Gas Feed
- Gas Ammoniators for Ammonia Gas Feed



## EMERGENCY CHLORINE SCRUBBER SYSTEM

- Emergency Chlorine Scrubber System
- Chemical Dosing System
- Ton Containers Weighing Scales





# PODEM™

## OVERHEAD CRANES

- Single Girder Overhead Crane Kit
- Double Girder Overhead Crane Kit
- Monorail Cranes
- JIB Cranes
- Gantry Cranes



## WASTEWATER TREATMENT PLANTS EQUIPMENT'S & SOLUTIONS

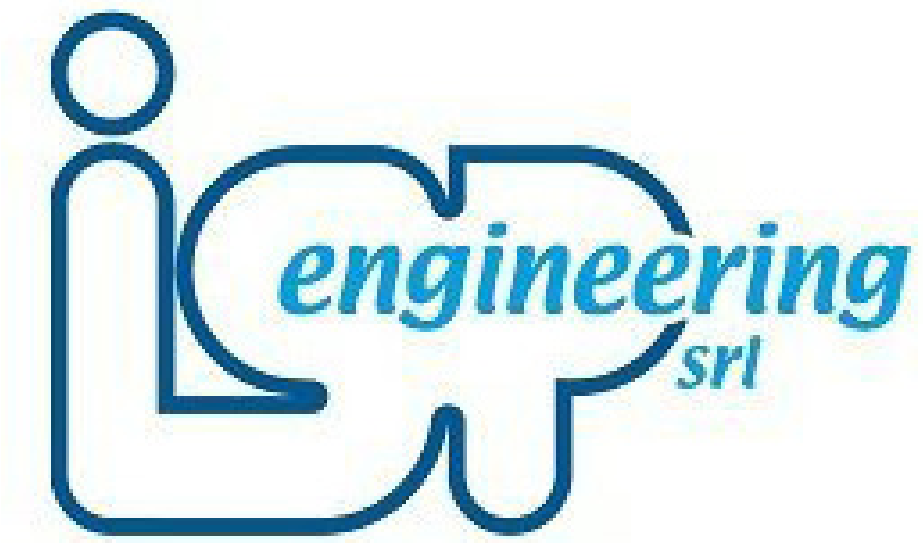
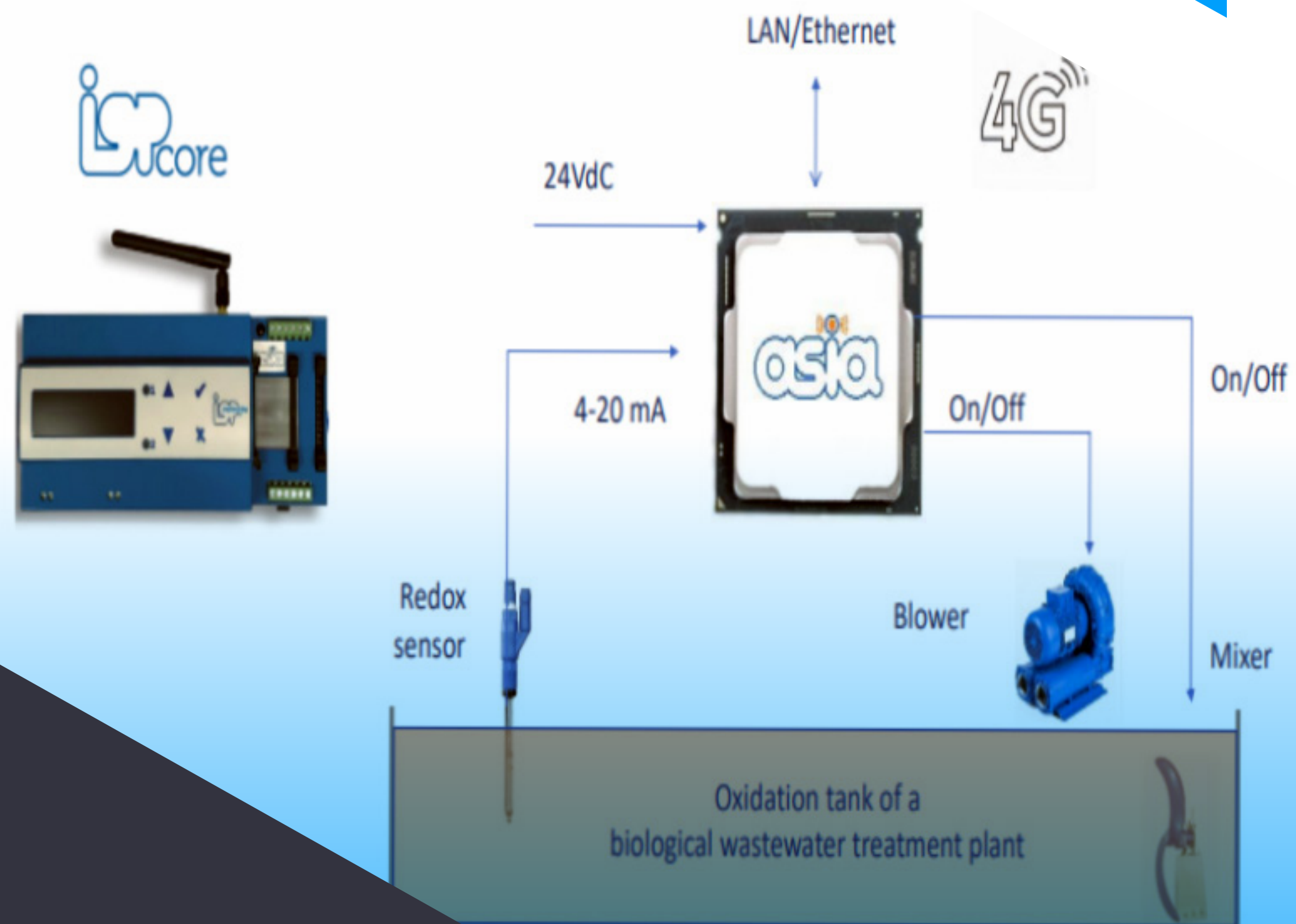
- Wastewater Treatment Plants (Textile Industry)
- Biological
- FF System
- Zero Liquid Discharge
- Water Treatment Plants
- Brine Recovery System
- Diffusers
- Microfilters
- Poly-preparators
- Filter Press



## WASTEWATER TREATMENT PLANTS & EQUIPMENT'S

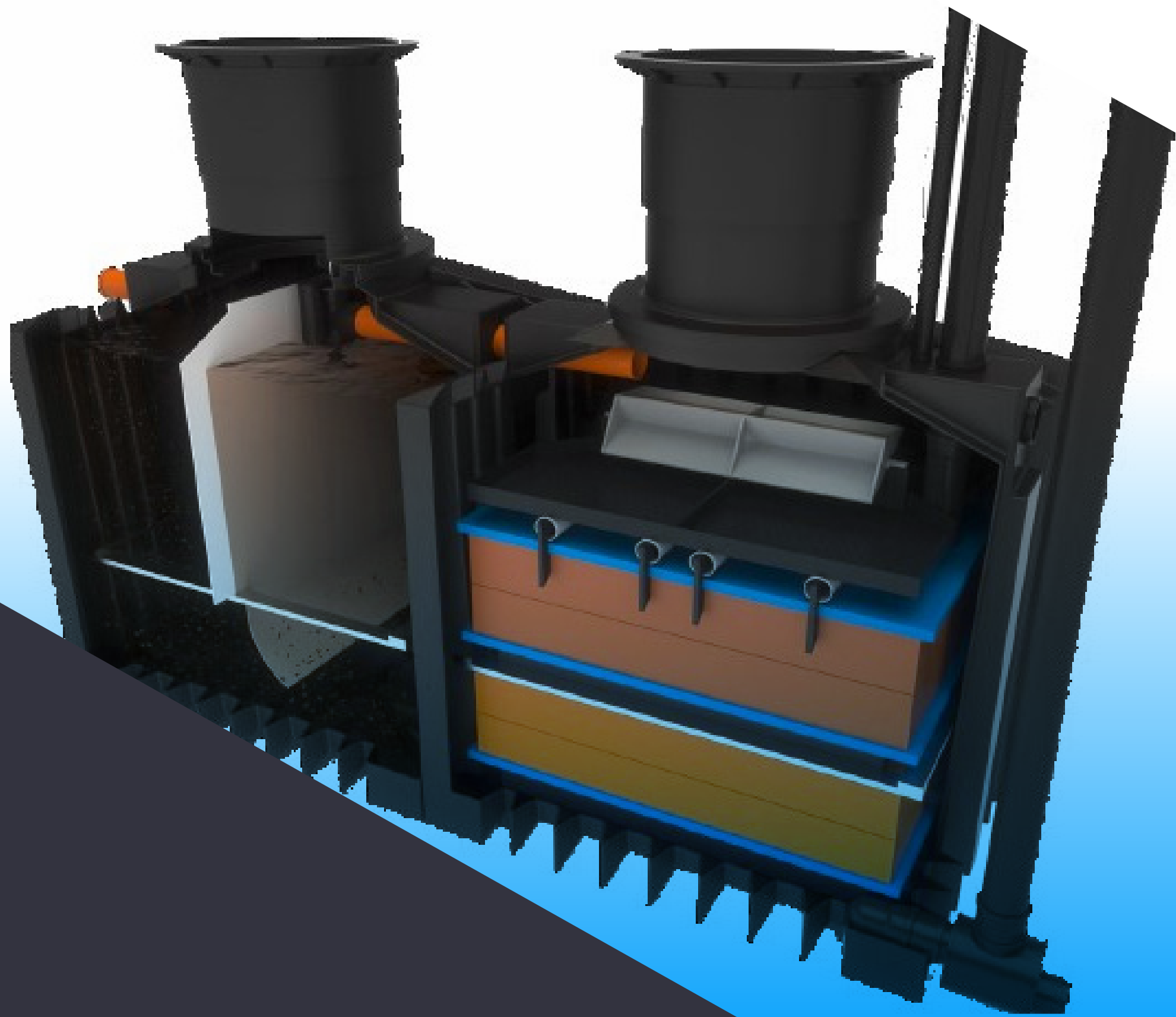
- Screening
- Flocculators
- Flotation Systems
- Oil/Water Separators and Lamella settlers
- Sludge Treatment
- Compact Pre-Treatment Systems
- SBR, FBR, MBR, MBBR, Anaerobic Systems, Compact Biological Systems and Biogas Production





## AERATION SYSTEM ENERGY SAVING SOLUTIONS

- ASIA (Advanced System of Intelligent Aeration) is a new technology that continuously monitors the biological process in a wastewater treatment plant, controlling the aeration system in order to optimize the purification process and minimize management and Energy costs.



## PACKAGE SEWAGE TREATMENT PLANTS

- Small sewage treatment plants
- SBR Industrial Systems
- Electricity-free small sewage treatment plant





## SMART IRRIGATION SYSTEM & CONTROL VALVES

- Smart Irrigation System
- Automatic Control Valve
- Pressure Reducing Valve
- Electrohydraulic On/Off Valve
- Pressure Sustaining Valve
- Altitude Control Valve
- Excessive Flow Valve
- Modulating Type Float Control Valve. Max/Min Level
- Float Control Valve. Max/Min Level
- Proportional Piston Actuated Valve Designed for High Differential Pressures



# Hayward Gordon

## PUMPS & MIXERS

- Water & Wastewater
- Oil & Gas
- Mining
- Nuclear Power
- Agricultural
- Chemical Processing



## SURGE TANKS

- Water & Environment
- Surge Vessels without Bladder
- Surge Vessels with Bladder
- Filters to Water and Gas Treatment
- Vacuum Tanks for Sanitation Systems

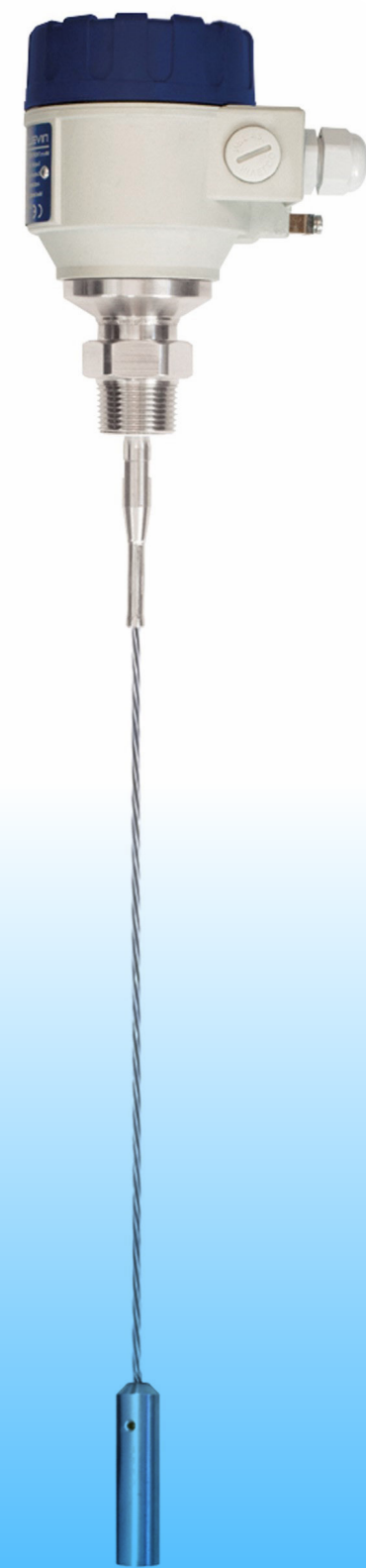




**seko**  
CHEMICAL DOSING SYSTEMS

## WATER & INDUSTRY DOSING SOLUTION

- Municipal Water Treatment
- Cooling Towers
- Drinking Water
- Industrial Processes
- Pulp & Paper
- Hotels & Resorts



## LEVEL & PRESSURE INSTRUMENTATION

- Level Transmitter
- Level Switches
- Analytical Transmitters (PH/ORP, DO and Conductivity Transmitters)
- Open-channel Flow Measurement (Parshall Flume)
- Temperature Measurement
- Ultrasonic Proximity Sensors and Transmitters for Industrial Applications



## LEVEL & PRESSURE INSTRUMENTATION

- Pressure transmitters
- Differential pressure transmitters
- Digital pressure gauges
- Electronic pressure switches
- Pressure devices with display
- Hydrostatic level probes (submersible probes, screw-in transmitters)
- Displays and evaluation devices
- Pressure sensor





## ELECTROMAGNETIC FLOWMETERS

- Electromagnetic flowmeters
- Calorimetric flowmeters and switches
- Insertion electromagnetic flowmeters
- Turbine flowmeters
- Oscillating piston flowmeters
- Displays and converters



## GROUND WATER MONITORING

- Water monitoring applications in Agriculture
- Water monitoring applications in Aquaculture
- Monitor water quality, level and flow in coastal and estuarine environments.
- Drinking water monitoring and chemical analysis
- Groundwater monitoring
- Monitor and manage all water entering, moving through and leaving a mining or industrial site
- Monitor water quality, level and flow in fresh water and saltwater environments
- Wastewater monitoring and chemical analysis





## ODOR CONTROL SYSTEM

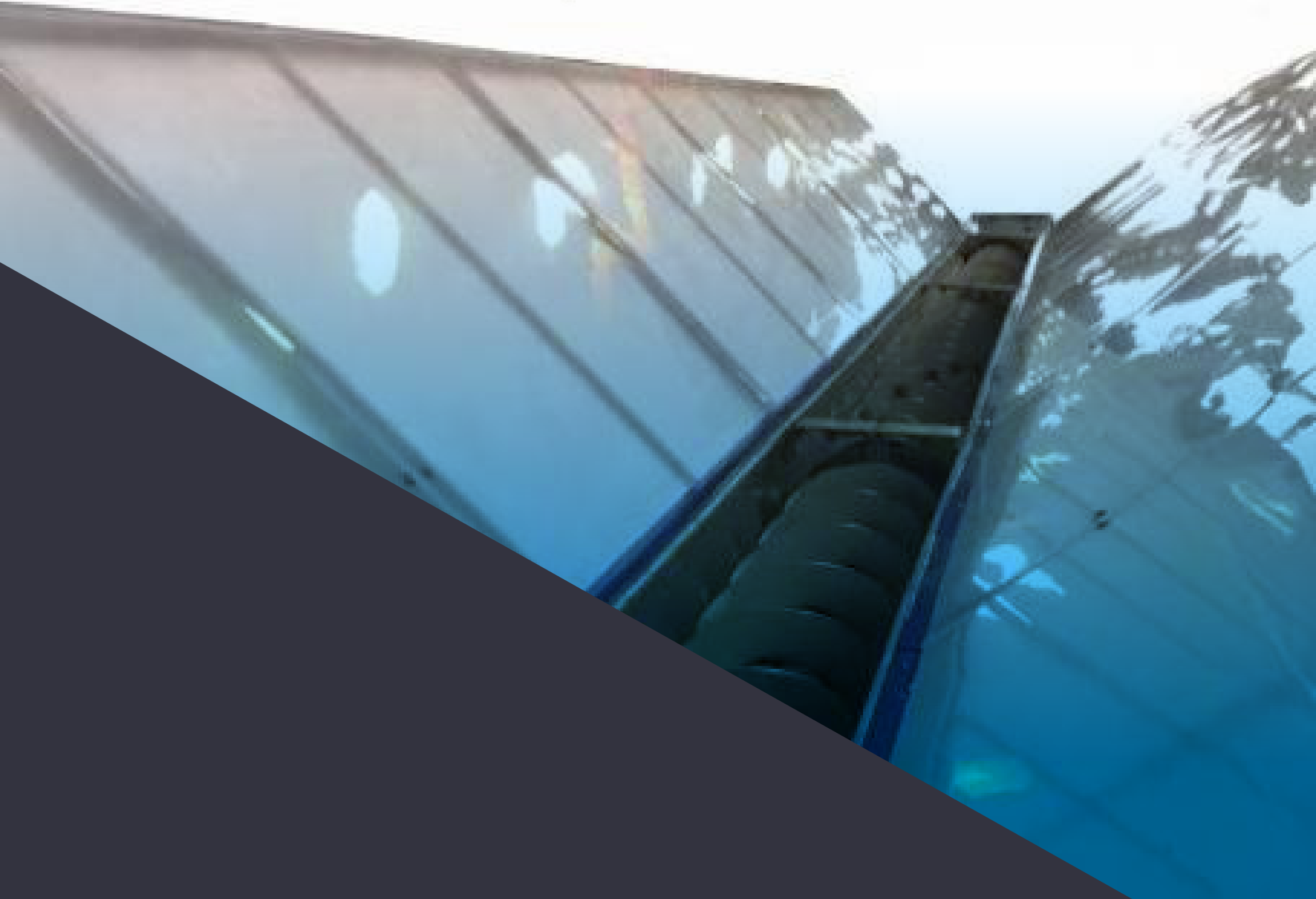
- Deodorizing Systems – Biofiltration
- Deodorizing Systems - Activated Carbon Filters
- Deodorizing Systems – Chemical Oxidation
- Gas Washing and Treatment Systems
- Chlorine Gas Neutralization System (Emergency Scrubber System)





## SLUDGE TREATMENT SYSTEMS

- Belt Conveyors
- Belt Press
- Screw Conveyors
- Polypreparation Units



# CASE STUDIES



# BASATEEN PS – CHLORINE SCRUBBER SYSTEM

26



- **CLIENT: MIYAHUNA WATER COMPANY/JORDAN**

**Year:** 2023

**Location:**

Basateen Pumping Station , Rusaifah – Zarqa Governate – Jordan.

- **Project & System Description:**

Specialized system was required and specified by the client to Neutralize the chlorine leakage in emergency situations by extracting the chlorine (leaking out of Ton Chlorine Containers) and transferring it through ducts to a Neutralization System where NAOH is sprayed and Chlorine Gas danger is eliminated. We represent Hytran a specialized Chlorine Scrubber design, manufacturer and supplier located in Malaysia in cooperation with a US Company. Hydrant had made the design and the supply of the system while we have done the installation, testing and commissioning with the presence of the Client and the Jordanian Civil defense. Testing results showed Chlorine leakage more than 20 ppm in the tested rooms (System Inlet) and less than 2 ppm at the Scrubber Stack.

# PRIVATE VILLA LOW ENERGY SEWAGE TREATMENT PACKAGED (STP) UNIT

27



- **CLIENT:** PRIVATE FARM HOUSE OWNER
- **END USER:** WATER AUTHORITY OF JORDAN

**Year:** 2020

**Location:** Amman – Jordan

- **Project & System Description:**

An Owner of a Farm House South of Amman had a 2 m<sup>3</sup>/day domestic waste water discharge not connected to the municipal sewer network and needed a treatment before being discharged to the surroundings as a Jordan Standards permissible water discharge.

We have supplied an innovative solution using a Low Energy Sewage Treatment Package Unit that needs minimal operation attendance, low power consumption.

# SEWAGE TREATMENT PACKAGED (STP) UNIT

28



## ■ CLIENT: JIFCO / JORDAN INDIAN FERTILIZER COMPANY

**Year:** 2024

**Location:** Ma`an – Jordan

## ■ Project & System Description:

Jifco had a 30 m<sup>3</sup>/day STP that had been operated for more than 8 years by us. An increased domestic sewage discharge flow up to 50 m<sup>3</sup>/day caused the need to change the existing STP unit with a bigger capacity unit.

We have performed the engineering, structural, electrical, mechanical and process design for 100m<sup>3</sup>/day STP unit as per client`s request in order to handle current demand and future expected increase in inlet flow.

The STP unit tanks Steel Fabrication, Mechanical, Electrical, Equipment and Instruments installations were executed in Jordanworkshop in Amman. The STP Package was transported to site (Ma`an 220 KM South of Amman) ready to be plugged in for External Mechanical and Electrical connections.

# ODOUR CONTROL SYSTEM



■ **CLIENT:** EL CONCORDE CONSTRUCTION LTD.

■ **END USER:** WATER AUTHORITY OF JORDAN

**Year:** 2009

**Location:** Bushra – Irbid Governate -Jordan

■ **Project & System Description:**

The tender design of Bushra PS had required the supply of Odour Control System to eliminate any chance of emitting odours from the sewage tanks in the PS to the surroundings. We have studied the tanks volume with expected H<sub>2</sub>S emission levels and submitted a suitable size of Odour Control System consisting of:

- Carbon Filter
- Exhaust Fan
- HDPE Ducts
- Control Panel

# WAHA PUMPING STATION – OVERHEAD CRANES

30



- **CLIENT:** ATCCO
- **END USER:** MIYAHUNA WATER COMPANY/JORDAN

**Year:** 2021

**Location:** Amman – Jordan

- **Project & System Description:**

Waha PS tender design included an Overhead Crane for pump/ motor lifting during Maintenance. We have performed required steel calculations matching lifted weights. Single Girder Crane was supplied, installed , tested and commissioned successfully.







**EQS**

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