



COMPANY PROFILE



CORPORATE MISSION: LEAD THE INDUSTRY THROUGH INNOVATION, IMPROVE LIVES THROUGH PRODUCTS, EMPOWER EMPLOYEES THROUGH SPACE, AND GIVE BACK TO SOCIETY THROUGH EFFICIENCY.

Beijing Innogreen Technology Co.,Ltd, founded in 2004 and headquartered in Beijing, is a new type of environmental protection enterprise in China. The company integrates the R&D and manufacturing of membrane products and water treatment products, the design and implementation of water treatment systems, engineering installation and services,water treatment operation and maintenance services, technical consulting, and water investment & operation into one comprehensive platform.

Innogreen is a national high-tech enterprise and a National “Little Giant”Enterprise for Specialized, Refined, Differentiated, and Innovative Development. It holds over 60 national patents and software copyrights, possesses full-project BIM3D modeling design capabilities, and operates the largest environmental equipment manufacturing base in northern China, covering 270 mu with a construction area of 140,000 m. The base functions as a one-stop manufacturing hub for water treatment products, equipped with over 400 sets of advanced domestic and international production equipment. The company also owns a 1,500 m² in-house water quality testing center, equipped with over 80 sets of advanced testing instruments, capable of performing over 100 types of water and environmental parameter tests. Innogreen has developed a Smart Cloud Construction Site Management Platform, enabling comprehensive safety, progress , material, and civilized construction management throughout the full construction cycle of all ongoing projects.

Innogreen has established the Jinan Environmental Design Institute, the Shenyang Technology Center, and branch offices in Shijiazhuang,Wuhan, Ganzhou, Chongqing, and other cities, with a professional team of 700 employees. Business Scope includes: Industrial water treatment for petrochemical, coal mining, and metallurgical industries,Municipal water supply and wastewater treatment, Reclaimed water reuse and wastewater resource recovery,Zero Liquid Discharge (ZLD) systems, Land-fill leachate treatment, Water treatment operation and maintenance services, Commercial purified water treatment, Membrane product manufacturing,Water investment and operation Innogreen is a comprehensive water engineering platform that covers the entire spectrum of water treatment services, offering one-stop solutions to address all water-related challenges.

Over 30

PROFESSIONAL QUALIFICATIONS AND CERTIFICATIONS

- General Contracting Qualification for Municipal Projects
- General Contracting Qualification for Intelligent Building Systems
- Specialized Contracting Qualification for Environmental Protection Projects

Over 400 Sets

ADVANCED DOMESTIC AND INTERNATIONAL MANUFACTURING EQUIPMENT

- CNC Laser Cutting Machines
- CNC Wire Cutting Machines
- CNC Hydraulic Turret Punch Presses
- Robotic Welding Systems
- CNC Hydraulic Press Brakes
-

700+

PROFESSIONAL STAFF, ONE-STOP SERVICES

- 80% technical professionals
- All senior management with experience in multinational or large-scale enterprises
- 70% with bachelor's degree or higher

140,000 m²

ENVIRONMENTAL EQUIPMENT MANUFACTURING FACILITIES

- 11 dedicated production workshops
- One-stop product manufacturing enterprise

20+

YEARS OF EXCELLENCE

- Founded in 2004
- Member of Zhongguancun Science Park
- National High-Tech Enterprise
- “Little Giant” Enterprise for Specialized Innovation
- Industry leader in membrane-based water purification

Over 80 Sets

ADVANCED TESTING EQUIPMENT

- In-house Water Quality Testing Center
- Testing for Over 100 Water and Environmental Parameters

Over 60

ADVANCED TESTING EQUIPMENT

- MBR(Membrane Bioreactor)
- High Desalination RO
- Mobile Emergency Water Supply
- Zero Liquid Discharge of Wastewater
- Acid and Brine Wastewater Treatment
- Lithium Extraction from Salt Lakes
- Various Control System Copyrights

3 R&D

CENTERS

- Beijing, Jinan, Shenyang
- Supported by regional branches in Shijiazhuang, Wuhan, Ganzhou, Chongqing, and more

4 Core

BUSINESS AREAS

- Water Treatment Engineering
- Water Treatment Operation & Maintenance
- Leachate Treatment
- Purified Water Products

5

INTERNATIONAL STRATEGIC PARTNERS

- DuPont
- Toray
- IHUAA
- Xpure
-

COMPANY HISTORY

Company Founded

- Established in Zhongguancun, Beijing
- Completed construction of the first production workshop in Beijing

Expansion into Wastewater Sector

- Established divisions for residential terminal purification, industrial ultrapure water, softened water, laboratory ultrapure water, and EDI systems
- Founded the Wastewater Division
- Received investment from Legend Capital and Legend Star
- Constructed China's second-largest nanofiltration system in Xilinhot

Leap in Capital Development

- Signed strategic agreement with listed company Kerong Environment
- Launched the first BOT project
- Implemented the first PPP operation project
- Constructed the Koubei Water Project

Industry Leader in Water Purifiers

- Became the largest manufacturer of purified water equipment in northern China
- Designated supplier of purified water equipment for the Beijing Olympic logistical services
- One of the first companies to donate water purification equipment for the Wenchuan Earthquake relief
- Recognized as one of China's Top Ten Water Purifier Brands

Top Three in Membrane-Based Water Treatment

- Served over 1,000 clients
- Became No.1 in water treatment for the waste incineration and biomass power generation industries
- Annual usage of over 30,000 RO membrane elements
- Strategic partnerships with Toray and DuPont Built the largest dual-membrane system in northern China

Solidifying Sustainable Development in Manufacturing

- Established the largest one-stop environmental protection base in northern China
- Founded the New Business Development Center
- Expanded into post-service segments of water treatment engineering
- Entered the rural environmental management market

Industry Integration and Shared Growth

- Integrated the four major business segments of the group
- Chairman recognized as a Key Influencer in Rural Water Environment in 2021
- Participated projects awarded the National Quality Engineering Award
- Visited by China's Vice Premier and Governor of Liaoning Province

The Overseas Business Having Taken Initial Shape

- The Group launched a new 10-year strategic layout.
- Signed a photovoltaic green hydrogen production-project with Longi for Australian Gas Infrastructure Group (AGIG).
- Successively signed multiple overseas projects in Russia, the United Arab Emirates, Uzbekistan, Kazakhstan, Indonesia, etc.
- Successfully won the bid for the Huajin Aramco 3250T/H condensate polishing system (the most well known domestic project with the largest water treatment capacity in 2024).

QUALIFICATION &HONORS

- National “Little Giant” Enterprise for Specialized, Refined, Differentiated, and Innovative Development
- Construction Enterprise Qualification Certificate
- Provincial-Level Enterprise Technology Center
- National High-Tech Enterprise
- Sinopec Credit Certificate



National “Little Giant” Enterprise



National High-Tech Enterprise



Provincial-Level Enterprise Technology Center



Sinopec Credit Certificate

Construction Enterprise Qualification Certificate

We focus on the quality, environmental performance, and safety of our products and services.

- General Contracting Qualification for Municipal Public Works
- Specialized Contracting Qualification for Building Mechanical & Electrical Installation
- Specialized Contracting Qualification for Environmental Protection Engineering



TECHNOLOGY AND R&D

Three Major Technical Centers



Beijing R&D Center



Jinan Environmental Engineering Design Institute



Shenyang Technical Center

University-Enterprise and International Collaboration

The company has established close R&D cooperation with institutions such as the Chinese Academy of Sciences, Tsinghua University, China Agricultural University, and the University of Science and Technology Beijing. It has also established a Technology Industrialization Promotion Base and a Graduate Training Base within its production site under the Water Environment Industry Research Institute. At the international level, Innogreen is a strategic partner of DuPont China and Toray China, working together to implement globally advanced environmental governance technologies.





University-Enterprise Collaboration



Strategic Partner of Toray China

Strategic Partner of DuPont China

International Collaboration

In-House Testing Center

To support product development and customer service, the company has established its own testing center, equipped with over 80 sets of advanced testing instruments. It is capable of performing over 100 types of water quality and environmental parameter tests, and provides these services free of charge to customers



General Physicochemical Parameters Testing Room



Routine Ion Testing Room



Metal Parameters Testing Room



Microbiological Parameters Testing Room

EQUIPMENT MANUFACTURING

Production Workshop On-Site Photos



CNC Laser Cutting Machine

BUSINESS AREA WATER TREATMENT ENGINEERING

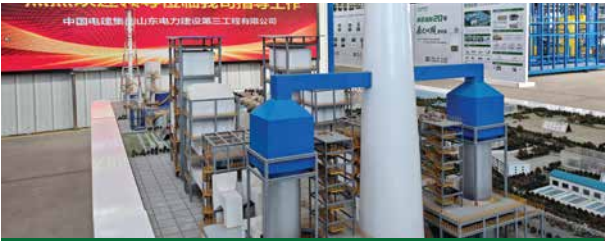
SELECTED PROJECT CASES



China Chemical Engineering Sixth Construction Co., Ltd.

PT.SULAWESI NICKEL COBALT 3×1,000,000 Tons Sulfur based Sulfuric Acid Plant EPC Project -Chemical Water System

Capacity:2×280t/h
Process:Multimedia Filter+Ultrafiltration+Singlestage RO+Mixed Bed



SEPCOIII Electric Power Construction Co., Ltd.

Uzbekistan Surkhandarya 1600MW Combined Cycle Natural Gas-fired (CCGT) Power Plant Water Treatment Equipment

Capacity:2×23t/h
Process:Flocculation Inclined Plate Sedimentation Tank+Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI



SEPCOIII Electric Power Construction Co., Ltd.

EuroChem Chemical Complex Project -SAP Project Demineralized and Industrial Water Station and sand filter

Capacity:2×70t/h
Process:Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI



SEPCOIII Electric Power Construction Co., Ltd.

Qatar Peaking Units Project Water Treatment Plant & Wastewater Treatment Plant

Capacity:2×40t/h+2×0.2t/h
Process:Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI

Russia KS-TECH Coking Project - Deionized Water Station Complete Equipment

Capacity:3×60t/h
Process:Multimedia Filter+Single-stage RO+EDI

Pure Water Unit

Capacity:2×3t/h
Process:Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI



North Huajin United Petrochemical Co., Ltd.
Fine Chemicals and Raw Materials Project - Condensate Water Station Complete Equipment
Capacity:2500t/h+750t/h
Process:Utility Engineering Area: Primary Filter+Secondary Filter+Activated Carbon Filter+Prepositive Cation Bed+Mixed Bed
Refining Area: Primary Filter+Secondary Filter+Activated Carbon Composite Filter+Prepositive Cation Bed+Mixed Bed



Jinfeng Green Energy Chemical (Xing'an League) Co., Ltd.

Green Hydrogen to 500,000 Tons Green Methanol Project (Phase I: 250,000 Tons)

Capacity:2×130t/h
Process:Multimedia Filter+Ultrafiltration+Double-stage RO+EDI



Green Hydrogen-Ammonia-Alcohol Integration EPC Project - Demineralized Water Preparation System Equipment

Capacity:2×65t/h
Process:Multimedia Filter+Ultrafiltration+Double-stage RO+EDI



Green Hydrogen Demonstration Project Material Procurement

Capacity:60t/h
Prog P9.55e27 ()-7.6 a5-(g)-3.4.2 ()-4.2gen Demonstration Project Mate4P9.55e229-67.8 L31.2 (.2 (n83 79-7.5 (gi)6.5(h)T13.2 (a)-8.d20.005p1 (



Green Hydrogen Demonstration Project Material Procurement

Capacity:60t/h
Prog P9.55e27 ()-7.6 a5-(g)-3.4.2 ()-4.2gen Demonstration Project Mate4P9.55e229-67.8 L31.2 (.2 (n83 79-7.5 (gi)6.5(h)T13.2 (a)-8.d20.005p1 (

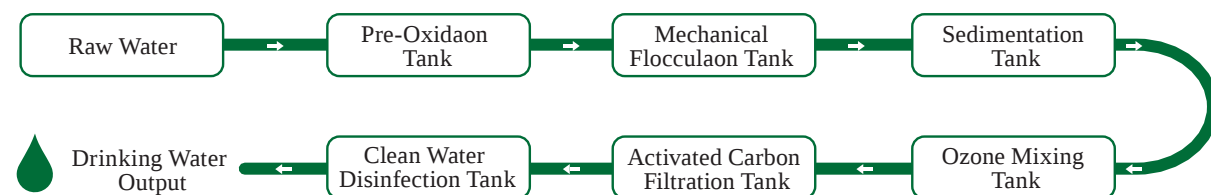
BUSINESS AREA WATER TREATMENT ENGINEERING

SELECTED PROJECT CASES

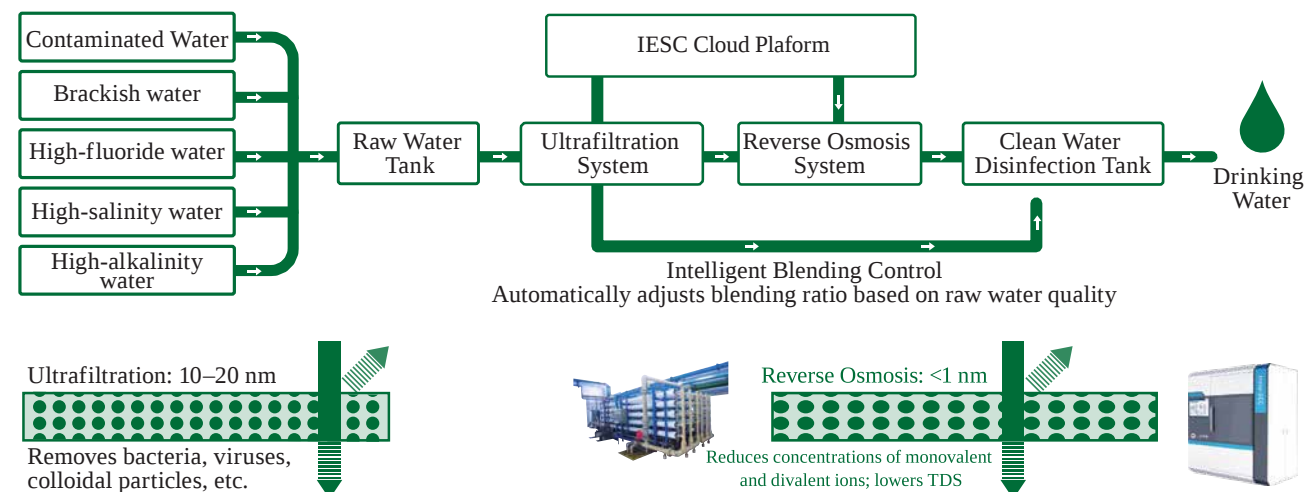
Municipal Drinking Water Projects

Advanced Purification Process for Raw Water Contaminated with Trace Organic Pollutants

Applicable Conditions: When all other indicators in the raw water meet or exceed Class III of the Environmental Quality Standards for Surface Water (GB3838-2002) except for organic pollutants, this advanced treatment solution has been tested and validated for effectiveness.



Dual-Membrane Process for Ion-Exceeding Raw Water in Drinking Water Plants



Koubei Water Plant, Chaoyang, Liaoning

Treatment Capacity: 20,000 m³/day
Core Process: Ultrafiltration 6 × 189 t/h +
 Reverse Osmosis 6 × 142 t/h



Xilinhote Municipal Water Plant

Treatment Capacity: 33,600 m³/day
Core Process: Pretreatment + Nanofiltration



Rongcheng Water Plant, Xiong'an

Treatment Capacity: 25,000 m³/day
Core Process: Inclined Plate Reactor + Horizontal Flow Sedimentation Tank + Dissolved Air Flotation Tank + Submerged Ultrafiltration Membrane Tank + Disinfection



Woniushan Water Plant, Yantai, Shandong

Treatment Capacity: 67,000 m³/day
Core Process: Ultrafiltration + Reverse Osmosis



Zhiyang Water Plant, Fushan District, Yantai

Treatment Capacity: 12,000 m³/day
Core Process: Ultrafiltration + Reverse Osmosis

BUSINESS AREA WATER TREATMENT ENGINEERING

◎ BUSINESS AREA Water Treatment Engineering



Process Flow:

Application Areas:

Municipal reclaimed water, industrial park reclaimed water



Miyun District Urban Management Committee, Beijing
(Reclaimed and Wastewater Treatment Project)

Capacity: 100 t/h + 35 t/h + 2 × 12 t/h
Process: Ultrafiltration + Reverse Osmosis



Yanggu Senquan Water Plant Co., Ltd.
– Wetland Reclaimed Water Reuse Project

Capacity: 20,000 t/d
Process: Ultrafiltration + Reverse Osmosis



Ningdong Base – Nanhu Reclaimed
Water Treatment

Capacity: 38,400 t/d
Process: Ozone Oxidation + Chemical
Softening & Sedimentation + V-shaped
Filter + Ultrafiltration + Reverse Osmosis



Qinghai Kunlun Gold Refinery
– Reclaimed Water Reuse Project

Capacity: 8,000 t/d
Process: V-shaped Filter +
Ultrafiltration + Reverse Osmosis



Panjin Solid Waste Comprehensive
Treatment Park – Reclaimed Water
System Project

Capacity: 6,240 t/d
Process: PCF + Ultrafiltration + Reverse
Osmosis

BUSINESS AREA WATER TREATMENT ENGINEERING

◎ Water Treatment Engineering



Selected Project Cases
Alar, 11th Regiment of the 1st
Division, Xinjiang

Brackish Water Desalination Project

Capacity: 10,000 t/d
Process: High-Density Settling Tank + V-shaped
Filter + Mechanical Filtration + High-Pressure
Reverse Osmosis



Mozambique Seawater Desalination Project

Capacity: 1,000 t/d
Process: Ultrafiltration + Reverse Osmosis



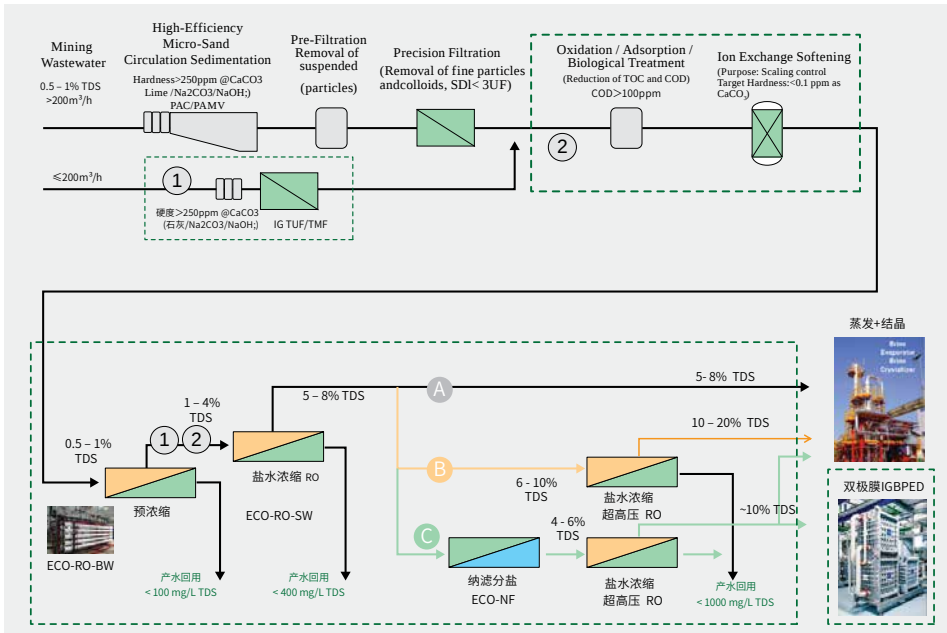
Peru Seawater Desalination Project

Capacity: 1,000 t/d
Process: Water Intake System + Oil Removal + Filtration
+ Seawater RO Membrane System

BUSINESS AREA

WATER TREATMENT ENGINEERING

Mine Water Treatment



CORE TECHNOLOGIES

- IG-TUF/TMF Direct Filtration Technology
- ECO Series Membrane Separation Technology
- IG-BPED Mixed Salt Resource Recovery Technology
- High-Speed Settling with Micro-Sand Circulation Technology

Case Study: A Coal Mine of Shendong Group

Mine Water Treatment Plant Renovation and Expansion Project

Before Renovation

- Design Capacity: Q = 400 m³/h
- Actual Operating Capacity: Q = 200 m³/h
- Process: Inclined Tube Sedimentation + Fiber Ball Filtration

After Renovation

- Capacity: Q = 800 m³/h
- Daily Treatment Volume: 16,000 m³/d
- Process: Dense Media Rapid Settling + Disc Filtration

Effluent Quality

Inlet SS: 500-2950 mg/L
Outlet SS: 15 mg/L
Outlet COD: 20 mg/L
Turbidity: 3 NTU

BUSINESS AREA

WATER TREATMENT ENGINEERING

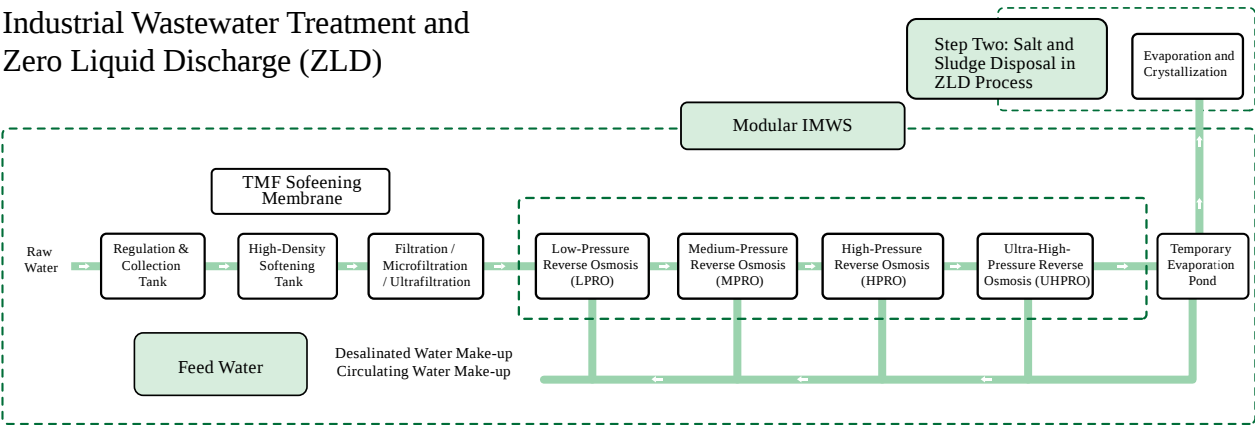
Mine Water Treatment



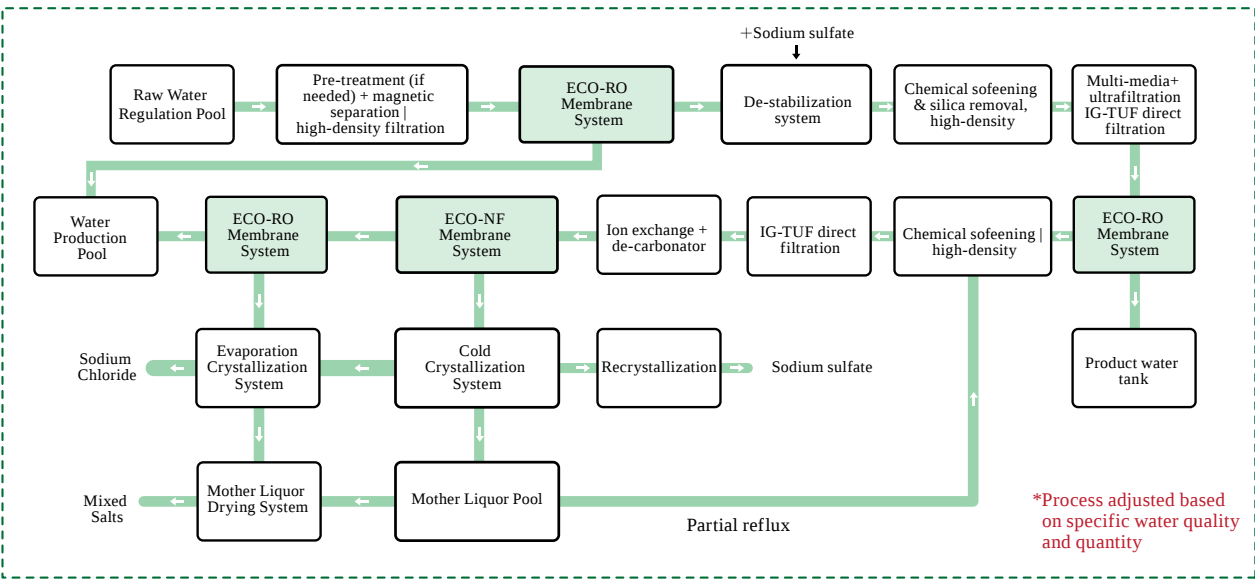
Water Quality Characteristics:

High-salinity industrial wastewater contains a variety of substances, including salts, oils, organic matter, heavy metals, and radioactive materials. Common salts include NaCl, wide range of organic and salt compounds with diverse chemical properties. Therefore, appropriate treatment processes must be selected based on the specific characteristics of the wastewater.

Industrial Wastewater Treatment and Zero Liquid Discharge (ZLD)



Zero Liquid Discharge (ZLD) of Coal Chemical Wastewater



SELECTED PROJECT CASES



Household Waste Harmless Treatment and Incineration Wastewater Treatment, Huyi District, Xi'an

Capacity: 1000 t/d
Process: Flocculation & Sedimentation + Multi-Media Filter + Ultrafiltration + Reverse Osmosis + DTRO



Industrial Wastewater Advanced Treatment for Shendong Dianta 660MW Unit

System: Industrial Wastewater Advanced Treatment System
Capacity: 130 t/h
Process: Ultrafiltration + Reverse Osmosis



China Shipbuilding Industry Corporation Urat Middle Banner Solar Thermal Power Project

Zero Liquid Discharge Wastewater Treatment System
Capacity: 10 t/h
Process: Chemical Sofeening + TMF + Single-Stage Reverse Osmosis + Brine RO



Phase II Project of Xiamen Eastern Waste Incineration Power Plant

Production Wastewater Reuse Treatment System
Capacity: 2×30 t/h
Process: Mechanically Accelerated Clarifier + Multi-Media Filter + Ultrafiltration + Reverse Osmosis



Shenhua Shendong Electric Power Co., Ltd.

Urat Middle Banner Thermal Power Plant
Capacity: 30 t/h
Process: Lime Softening + Multi-Media Filter + Ultrafiltration + Mixed-Bed + Cation Bed +First-Stage Reverse Osmosis + Second-Stage Reverse Osmosis

Partial Cooperation Projects

Industrial Water Supply Treatment			
Abroad、Green Hydrogen Industry			
No.	Project Name	Project Nature	Remarks
1	China Tianchen Engineering Corporetion EuroChem Chemical Complex Project -SAP Project Demineralized and Industrial Water Station and sand filter	Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI	20ug/L, ,
2		Flocculation Inclined Plate SedimentC8	, ,
3			Conductivity< , SiO2<0.02mg/L, Oil<1mg/L
4			
5			, ,
6			, ,
7			Conductivity< , SiO2<10ug/L
8			, ,
9			, ,
10			, Total ,
11			Conductivity () : , ,
12			Conductivity () : , ,
13			, ,
14			
15			0.02mg/L; ;
16			Conductivity< ; SiO2<10ug/L; umol/L

[illegible]

Petrochemical, Metallurgy, and Coking Industries			

