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Wolgan

Pure Performance Delivered

About Us

Founded in 2020, Wolgan is a dedicated water treatment company operating in Qatar and the UAE, delivering smart and reliable solutions across commercial, institutional, and industrial sectors.

We specialize in water treatment services, MEP execution, and the supply of specialized chemical solutions designed to optimize performance, extend equipment life, and ensure compliance with local and international standards.

Serving industries including healthcare, facilities management, construction, hospitality, and large-scale developments, our experienced team delivers practical, cost-effective solutions—combining technical expertise with responsive service to ensure efficient, sustainable, and reliable water systems.



Vision, Mission & Core Values

Vision

To be a trusted and leading water and wastewater treatment solutions provider, delivering sustainable, innovative, and reliable technologies that protect water resources and support environmental responsibility — and to become one of the most successful and diversified companies in Qatar, and the preferred business partner across the contracting industry.

Mission

- To provide high-quality water and wastewater treatment systems that meet international and local regulatory standards.
- To deliver cost-effective and energy-efficient solutions through innovative technologies.
- To support our clients with end-to-end services, from design to long-term operation and maintenance.
- To continuously improve our technical expertise, safety practices, and customer satisfaction.
- To deliver high-quality products and services through our highly qualified and fully trained workforce, and our reliable supply chain and network of business partners.

Core Values

- Excellence
- Trust and Loyalty
- Honesty and Integrity
- Innovation and Efficiency
- Sustainability



Certifications & Accreditations

ISO 9001:2015 - Quality Management System

Wolgan is accredited with ISO 9001:2015, and the company's performance and expansion are directly related to its emphasis on quality throughout all operations. Across office operations and project sites, Wolgan is dedicated to delivering the highest quality services, paying close attention to client satisfaction and regularly allocating the required resources to reduce potential risk.

ISO 14001:2015 - Environmental Management System

Wolgan is accredited with ISO 14001:2015 for the complete spectrum of services delivered to clients. Preservation of the environment, personal safety, and human health are top priorities, supporting the environmental pillar of sustainability across every project.

ISO 45001:2018 - Occupational Health & Safety Management System

Wolgan operates diligently and responsibly, consistent with world-class corporations and aligned with our OHSMS business goals and policy. This certification is a critical component of our risk management strategy, enabling us to consistently recognize and manage health and safety risks, reduce the likelihood of incidents, and continuously enhance performance. Sustainability To continuously improve our technical expertise, safety practices, and customer satisfaction.

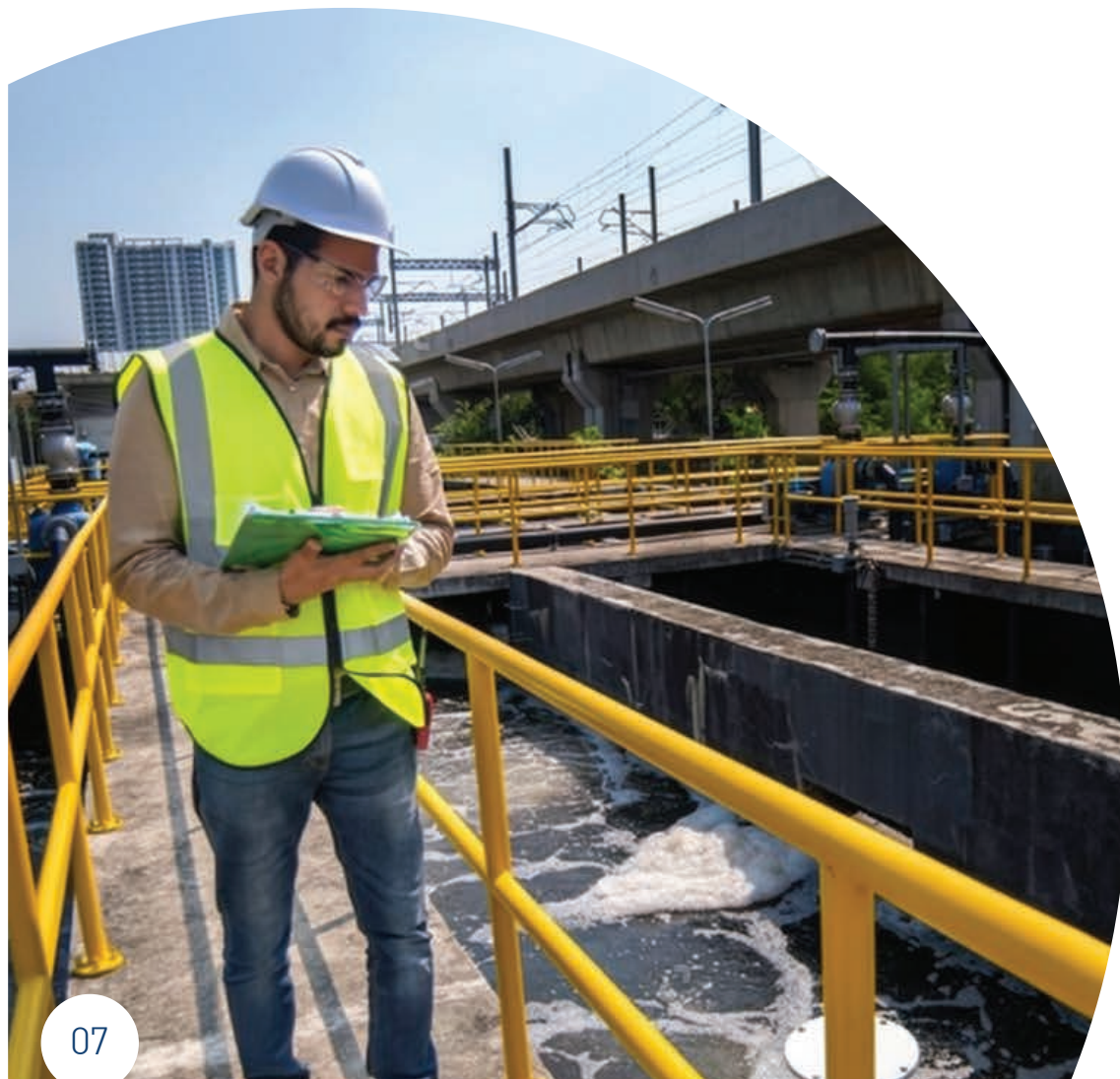
In - Country Value (ICV) Certification

Wolgan Trading and Contracting has been awarded the In-Country Value (ICV) Certification by Tawteen, achieving a score of 13.60%. The ICV Certification promotes local economic development in line with Qatar National Vision 2030, assessing companies on their contribution to the local economy — including investment in local suppliers, employment of local talent, and efforts in sustainability and innovation. Wolgan remains committed to further enhancing its ICV score and playing an active role in advancing Qatar's economic ambitions. Sustainability To continuously improve our technical expertise, safety practices, and customer satisfaction. To deliver high-quality products and services through our highly qualified and fully trained workforce, and our reliable supply chain and network of business partners.



Water & Wastewater Treatment

Our company provides end-to-end water and wastewater solutions through DBO (Design-Build-Operate), EPC (Engineering, Procurement and Construction), and infrastructure projects. We offer complete engineering, procurement, construction, testing and commissioning, operation, and maintenance services, utilizing proven and advanced technologies for desalination, drinking water, wastewater, water reuse, industrial water treatment, and sludge management systems.



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Raw Water & Pretreatment Systems

Pretreatment is critical for protecting downstream equipment and improving overall system efficiency.

- Intake Screening Systems
- Lamella Clarifiers & Tube Settlers
- Dissolved Air Flotation (DAF)
- Multimedia Filters (MMF)
- Activated Carbon Filters (ACF)
- Iron & Manganese Removal Systems

Membrane-Based Water Treatment

Advanced membrane technologies for high-quality water production and reuse.

- Seawater RO (SWRO)
- Brackish Water RO (BWRO)
- Ultrafiltration (UF)
- Microfiltration (MF)
- Reverse Osmosis (RO)
- Nanofiltration (NF)

Potable Water Treatment Plants (WTP)

- Clarification & Filtration Systems
- Disinfection (Chlorination, UV, Ozone)
- Taste & Odor Control
- Treated Water Storage & Pumping Systems



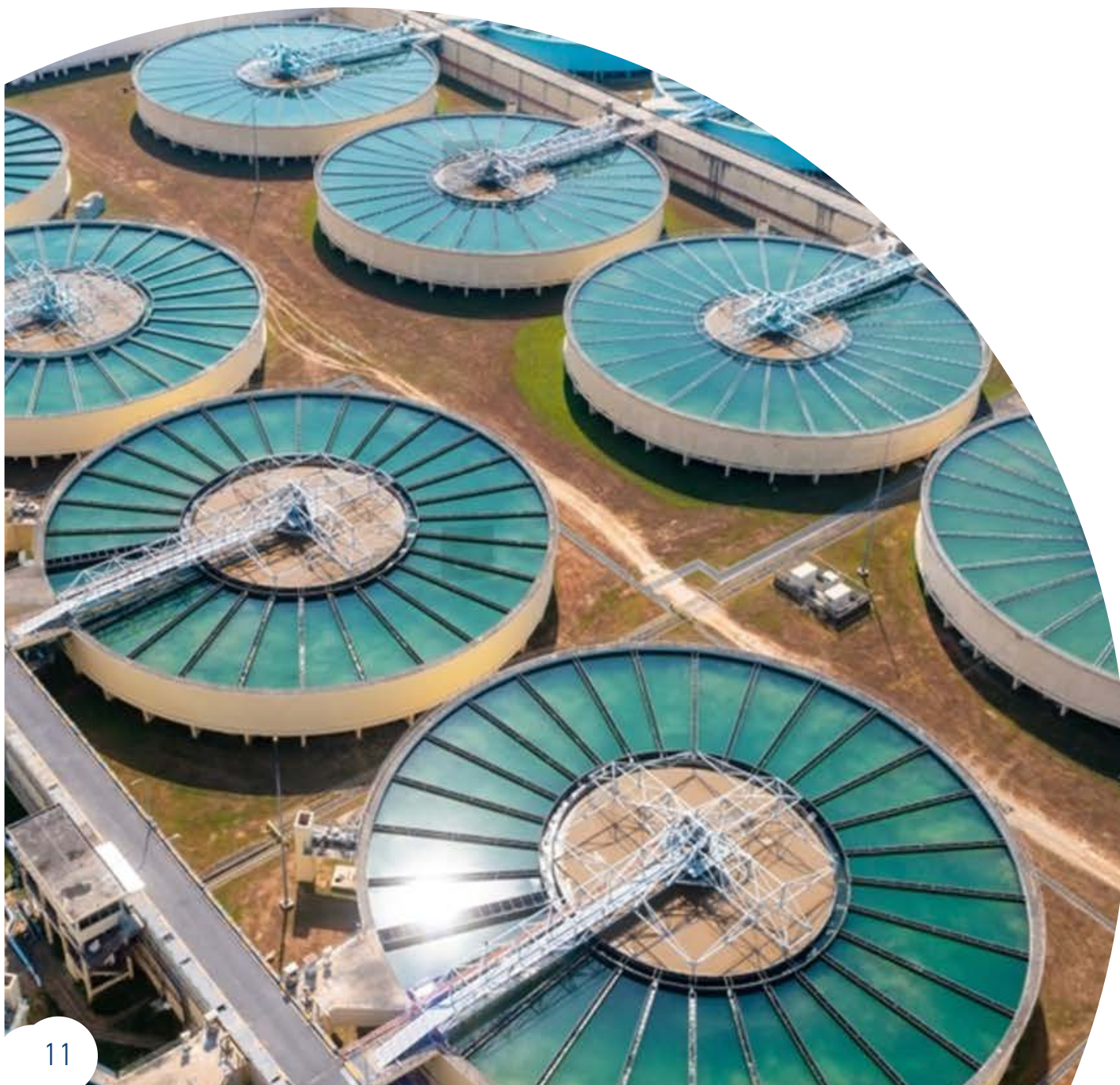
Sewage & Wastewater Treatment Plants (STP & WWTP)

Environmentally compliant solutions for domestic and municipal wastewater.

- Sequencing Batch Reactor (SBR)
- Moving Bed Biofilm Reactor (MBBR)
- Membrane Bioreactor (MBR)
- Extended Aeration Systems

SBR — Sequencing Batch Reactor

SBR is an advanced biological wastewater treatment technology that treats sewage in a single tank through sequential batch cycles. Unlike conventional systems, SBR combines aeration, settling, and discharge in one reactor, providing efficient, high-quality treatment in a compact design — ideal for residential compounds, commercial buildings, hotels & resorts, and small to medium sewage treatment plants



MBBR — Moving Bed Biofilm Reactor

MBBR is an advanced biological wastewater treatment process that utilizes specially designed plastic media suspended in the aeration tank. Microorganisms attach and grow on the surface of the media, forming a biofilm that effectively removes organic pollutants, nutrients, and contaminants from wastewater. Applicable to municipal sewage treatment, industrial wastewater treatment, food & beverage industries, and retrofit/capacity upgradation projects.

MBR — Membrane Bioreactor

MBR combines biological treatment with membrane filtration; the membrane separates treated water from sludge, producing very high-quality effluent. Applicable to hospitals & healthcare facilities, high-end residential & commercial buildings, hotels & malls, and water reuse and recycling applications.

Industrial Effluent Treatment Plants (ETP)

Customized solutions for industrial wastewater with high pollutant loads.

- Equalization & Neutralization Systems
- Physico-Chemical Treatment
- Biological Treatment
- Heavy Metal Removal
- Oil & Grease Separation
- Zero Liquid Discharge (ZLD) Systems



Advanced & Specialized Water Treatment Systems

Demineralization (DM) Plants

High-purity water treatment systems designed to remove dissolved salts and minerals, suitable for process and boiler feed water applications — serving power plants, oil & gas facilities, chemical & pharmaceutical industries, and industrial utilities.

Deoiling & Oily Water Treatment Systems

Specialized systems for effective removal of oil and grease from wastewater to meet environmental discharge standards — serving oil & gas facilities, refineries & petrochemical plants, workshops & vehicle wash areas, and industrial wastewater treatment plants.



Sludge Treatment & Handling

Efficient sludge volume reduction and disposal solutions.

Sludge Thickening Systems
Filter Press, Belt Press & Screw Press
Centrifuge Dewatering Systems
Sludge Drying Beds

Package Treatment Systems

Package treatment systems are compact, factory-built solutions designed for quick installation, minimal civil works, and reliable performance — ideal for remote locations, fast-track projects, and sites with space constraints. These systems are manufactured, assembled, and tested at the factory, ensuring high quality and faster commissioning on site.



Types of Package Treatment Systems

- Package Sewage Treatment Plants (STP) — MBBR-based, SBR-based, MBR-based
- Package Water Treatment Plants (WTP)
- Pressure Sand Filter & Activated Carbon Filter Units
- Compact Clarification & Filtration Units
- Package Effluent Treatment Plants (ETP) — Physico-Chemical and Biological
Containerized RO & UF Systems



Tertiary Treatment & Water Reuse

- Sand & Carbon Filtration
- UV & Ozone Disinfection
- Treated Effluent Polishing Units

Chemical Dosing & Disinfection Systems

- Chlorination & Dechlorination Systems
- pH Correction Systems
- Coagulant & Polymer Dosing
- Antiscalant & Biocide Dosing
- Chemical Storage & Handling Systems

Automation & Control

PLC & SCADA Based Control Panels

Online Monitoring Instruments (pH, Turbidity, TDS, Flow, Chlorine)

Remote Monitoring & Control



Services

Process Design & Engineering
Turnkey EPC Projects
Supply & Installation
Testing & Commissioning
Operation & Maintenance (O&M)
Annual Maintenance Contracts (AMC)
Spare Parts & Consumables

Industries We Serve

Municipal & Infrastructure Projects
Commercial & Residential Developments
Labor Camps & Worker Accommodation Facilities
Hospitality, Healthcare & Institutional Facilities
Power, Energy & Utilities
Oil & Gas, Defense & Remote Facilities
Manufacturing & Process Industries (including Paper & Pulp)
Airports, Ports & Transportation Infrastructure

Our Commitment

We are committed to delivering efficient, sustainable, and cost- effective water treatment solutions, ensuring regulatory compliance, operational reliability, and long-term client satisfaction.



MEP Installation & Services

Mechanical Installation

- Chilled Water System Installation
- Primary and Secondary Chilled Water System
- Energy Transfer Station and HEX Buildings
- Heating, Ventilation and Air Conditioning (HVAC) Systems
- Plumbing Systems — Potable Water and Drainage
- Treated Sewage Effluent
- Sewage Treatment Plant

Our team is comprised of highly skilled engineers and contractors dedicated to providing clients with quality workmanship at competitive pricing. We understand that a facility's water system is a critical part of its operation, and we are dedicated to ensuring the best solution for every need.

Electrical Design & Engineering

We offer comprehensive electrical design and engineering services that help clients develop efficient, reliable, and sustainable electrical systems. Our experienced electrical engineers work closely with clients to understand their goals, energy consumption needs, and budget constraints, using cutting-edge software and tools to model and optimize designs that meet all necessary standards and requirements.

Electrical Installation

Our electricians specialize in the installation of a wide range of electrical systems, including electrical panels, wiring, switches, outlets, and lighting systems — working on projects of all sizes, from small residential installations to large commercial and industrial complexes.

Electrical Testing

We conduct rigorous testing and commissioning procedures to ensure that all electrical systems operate efficiently and safely, using advanced testing equipment and techniques to verify that every component is working correctly and that systems function as intended.

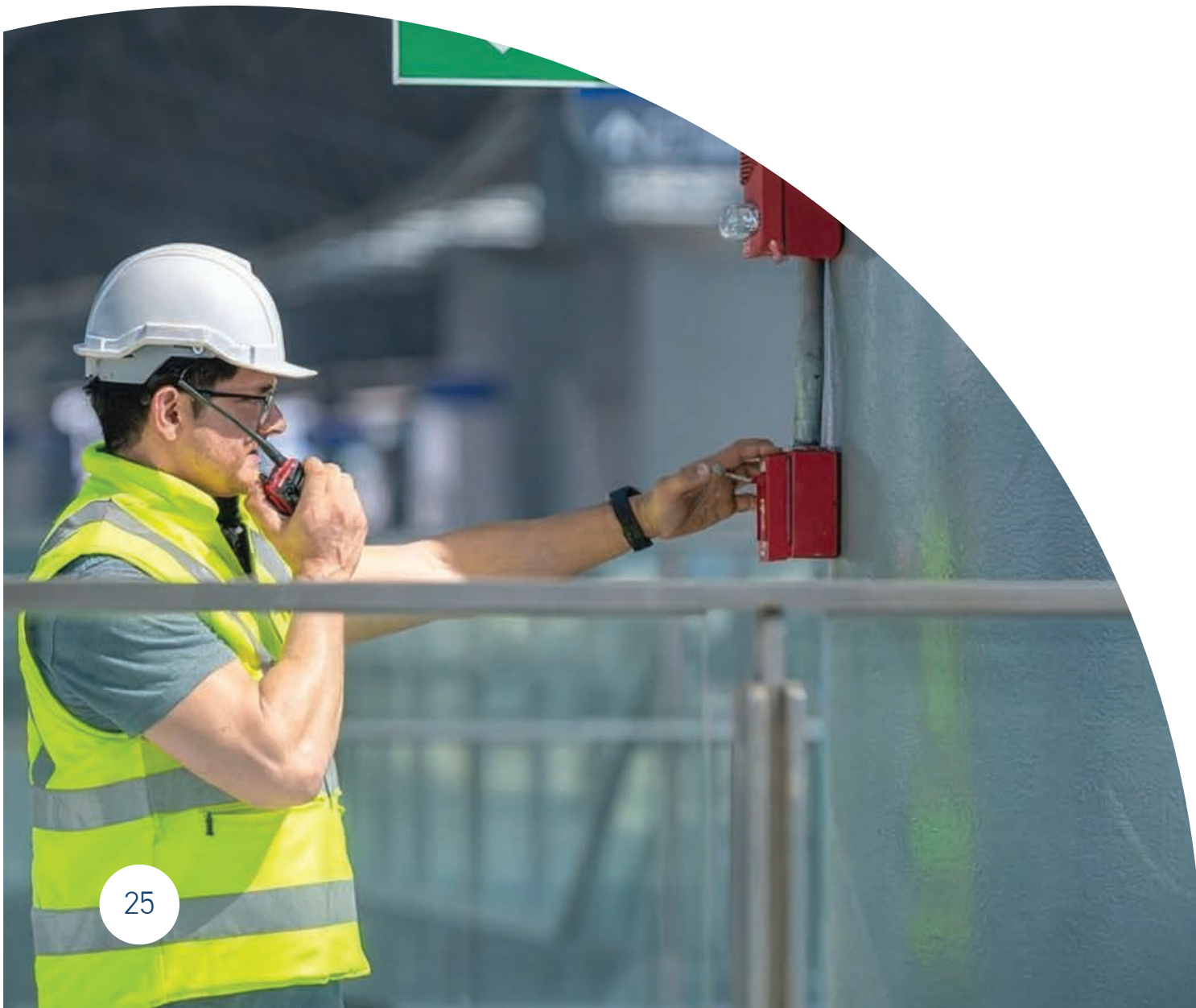


Fire Alarm and Security Systems

We specialize in the installation of advanced fire alarm and security systems that help protect buildings and occupants from fire and intrusion, working closely with clients to design and install systems that meet their specific security and safety requirements.

Data and Communications Systems

We specialize in installing data and communication systems that provide fast, reliable connectivity for businesses and homes, including networking and telecommunications infrastructure, fiber optic cabling, and other advanced technologies tailored to each client's needs.



Electrical Testing

We conduct rigorous testing and commissioning procedures to ensure that all electrical systems operate efficiently and safely, using advanced testing equipment and techniques to verify that every component is working correctly and that systems function as intended.



Chemical Supplies

Water Treatment Chemicals

- Corrosion Inhibitors
- Deposit and Scale Control
- Microbiological Growth Control
- RO Antiscalant
- Flocculent & Coagulant
- Birm Media (Iron Removal)

Commodities

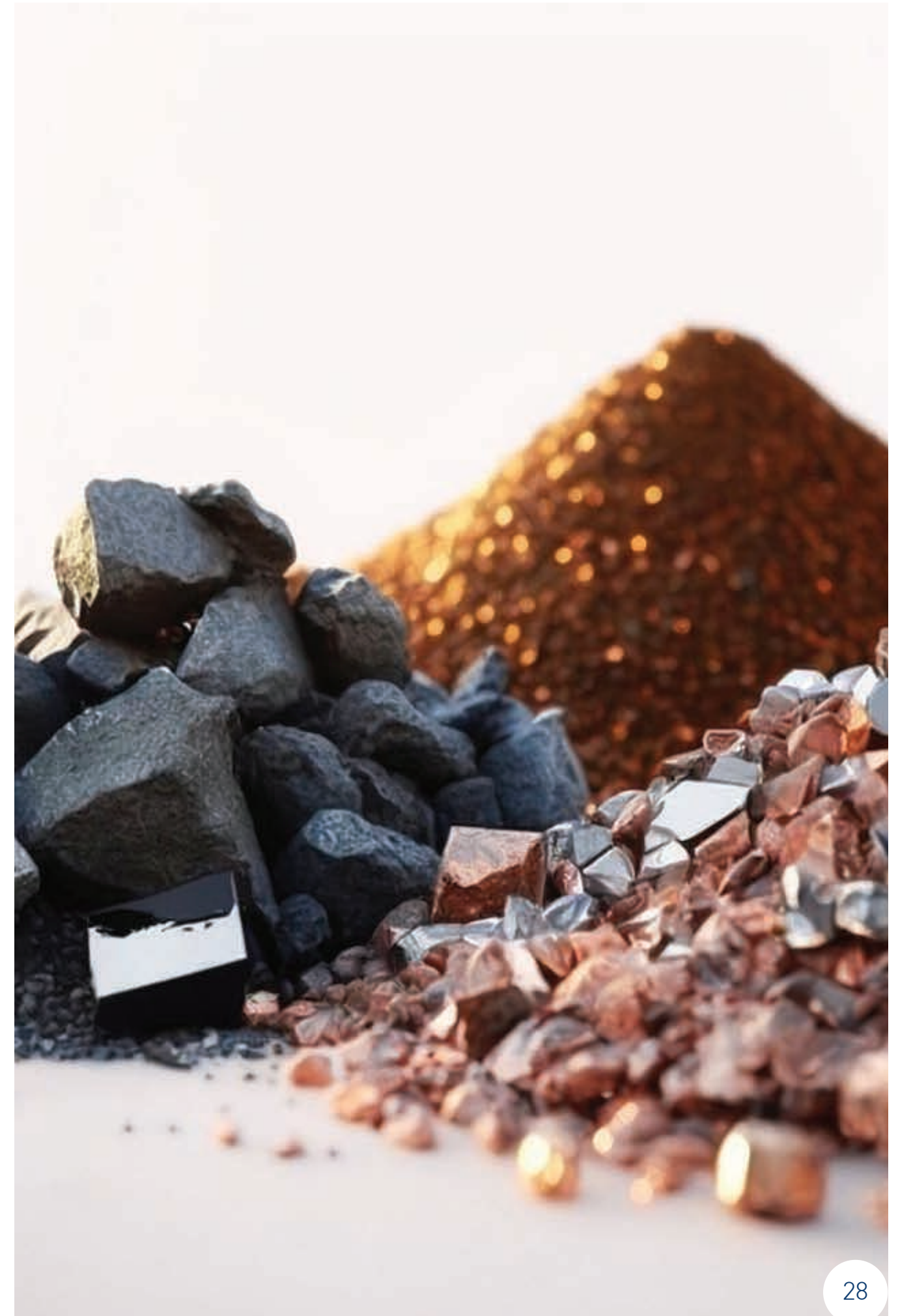
- Sodium Hypochlorite 12%
- Caustic Soda 50%
- Sulphuric Acid 30%, 50% & 100%
- Phosphoric Acid 85%
- MEA, MDEA
- Softening Salt 99.5%
- SMBS
- DEG, TEG
- Sodium Chloride
- Calcium Chloride
- Citric Acid
- Acetic Acid
- HCl 32% & 37%
- Sodium Bisulphite 40%
- EGMBE

Process & Petrochemical

- Desalting demulsifiers
- Filming and neutralizer corrosion inhibitors
- Anti-fouling agents
- Anti-foams
- Oil and residuals viscosity reducers
- Anti-oxidants
- Oil-soluble scale inhibitors
- Solids wetting agents
- Sulphur compound scavengers

Minerals & Consumables

- Filter Media
- Ion Exchange Resins
- RO Membrane Chemicals
- Coagulants & Flocculants
- Polymer Chemicals
- Activated Carbon



Partners



Qatar Clients



UAE Clients



Global Technology Providers & Equipment Manufacturers

We collaborate with internationally recognized technology providers and equipment manufacturers to support complete seawater reverse osmosis (SWRO) solutions, including process equipment supply system integration, commissioning support, and lifecycle services

