

KINGSLEY™



**Technology for a
Sustainable Future**

KINGSLEY

CONSERVATION IS A
STATE OF **HARMONY**



We Believe in
CIRCULAR ECONOMY & SUSTAINABLE
SOLUTION



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ABOUT KINGSLEY

Kingsley was founded with a vision of contributing towards ensuring a sustainable environment by Mr. Zhou Min back in 2009 at Melbourne, Australia. In continuation of passion and aspiration to work on the global environmental concerns related to wastewater treatment and management, Kingsley Engineering Service Corporation was formed in Dhaka, Bangladesh in 2016 with the very same ideology and vision of advancing sustainable technological solutions for environmental protection. Kingsley is based on the concept of using technological advancements to safeguard environment. Years of experience with versatile projects and delighting services to its stakeholders either in public, commercial or residential sectors, Kingsley has ensured a solid reliance of its capability with quality.

With automation and the latest technology, Kingsley group offers end-to-end value chain solutions for environmental issues to industries on all continents. These solutions cover design, construction, operation, consultancy, and maintenance.



PHILOSOPHY OF KINGSLEY



ZHOU MIN
PRESIDENT

Aspired by “Sustainable Development” Mr. Min has devoted his time and relentless efforts for preserving a sustainable environment with Kingsley Group. For several decades, Min has had a long, strategic observation in building up a number of flagship ETP, CETP, STP, WTP, WWTP, and other projects in Bangladesh, China, Australia, Sri Lanka, and other countries. With a vast and multidisciplinary experience in the field of wastewater treatment or mega EPC projects such as Recycle, Solid Waste Management on a global scale, Mr. Min has always held a continuous thirst of adopting upgraded processes and technological for ensuring a better tomorrow.

Mr. Asiqur Rahman has a committed career towards sustainable & innovative solution for waste management and treatment in Bangladesh. He always had passion in each of his footsteps toward working for environmental protection and has been working for more than 18 years with the goal of establishing and preserving a sustainable environment. He is experienced in wastewater treatment and water resource recovery facilities (WRRFs) such as CETP, ETP, STP, WTP, and ZLD. Mr. Rahman holds an MS in Environmental Science program from the Bangladesh Agricultural University (BAU), with further PhD fellowship.

He has vast experience in Environmental Monitoring, Environmental Social Impact Assessment, conducting baseline studies and executing environmental management plans, Environmental Impact Assessment (EIA for environmental certification from DoE), Sustainable Urban Sanitation System, and Natural Resource Management with the aim of establishing a sustainable environment.



MD. ASIQR RAHMAN
CEO

VISION

- Caring for the earth with technological innovations and simultaneously providing solutions by adding value to stakeholders.
- Committed to developing modern technologies for the improvement of both the human and natural environments in order to create a community that is environmentally sustainable.

VALUES

- Integrity (for customers with honesty, ethical values & commitment)
- Passion & Responsibility (To care & Protect Environment)
- Respect (People & Relationship)
- Diligence

MISSION

- Endeavor with a plan of action for People, Planet & Prosperity in line with the goals and targets of 17 Sustainable Development Goals (SDG) of the UN resolution (Agenda 2030)
- Protect the planet from degradation & sustainably manage its natural resources by taking urgent action for a better future
- Work towards reducing carbon footprint & climate-resilient development in line with the Paris Agreement

TECHNOLOGY
for a Sustainable Future



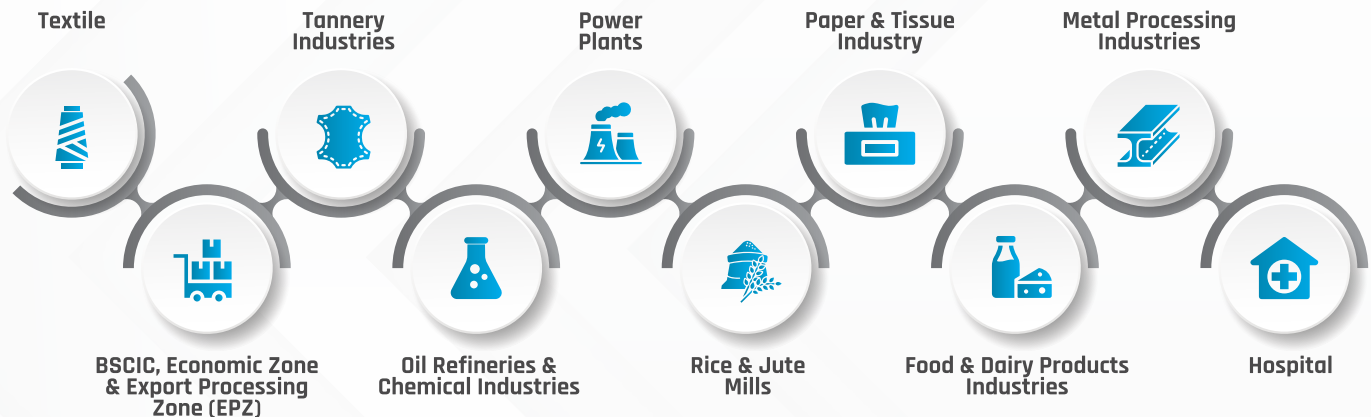
MAJOR PRODUCTS & SERVICES

Industrial ETP

KINGSLEY has started the journey with the introduction of contemporary and innovative high-tech in this sector. The new designs have been improved over time with modernized and sophisticated equipment by reducing not only time and cost but also service and lifetime.

Experience in ETP

KINGSLEY has successfully completed more than 150 projects in Bangladesh in the following sectors:

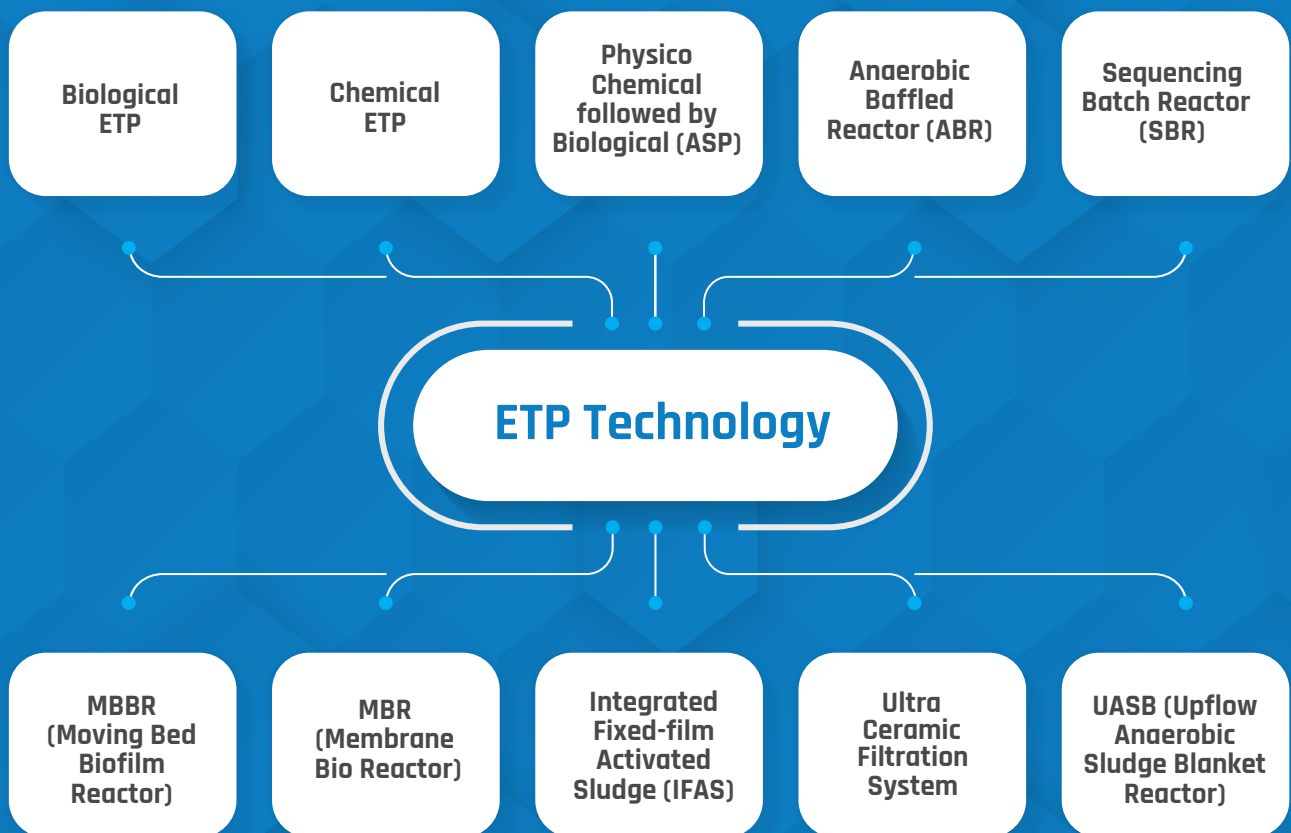


Common Effluent Treatment Plant (CETP)

Kingsley has experience in both Common and Central Effluent Treatment Plant by doing the Pre-planning and Pre-treatment for clustered industries arranged by BEZA, BSCIC, or others in various EPZs or industrial zones. We are experienced in Central ETP for mixed industries such as Shepherd Group & Abdul Monem Group (Igloo Ice Cream, Igloo Dairy & Igloo Foods Ltd.). During the process, by providing the pre-requisite and ensuring an appropriate collection and conveyance system, the total solution can be provided.

Zero Liquid Discharge (ZLD)

Kingsley offers complete ZLD solutions with or without evaporators to manage tough-to-treat waste waters. Kingsley's proprietary evaporators, brine concentrators, and crystallizers can help recover more than 95% of your plant's wastewater while reducing the remaining brine as a product or solid. Our process fully comply with the wastewater treatment guideline of ZDHC. Our ZLD plants consume less energy and steam compared to the conventional systems.



STP

The ingenious and incredibly adaptable Kingsley's Package STPs are used for the efficient treatment of wastewater, including nutrient removal. They can be set up for BOD reduction, removal of suspended particles, decrease ammoniacal and/or total nitrogen, and eradication of phosphorus. To generate the physical-biological tertiary treatment with water recycling, a Membrane Bio Reactor (MBR) has been integrated into the Single Packaged Plant.



STP Technology

AAO

Anaerobic Anoxic Oxidation

MBR

Membrane Bio Reactor

MBBR

Moving Bed Biofilm Reactor

Residential & Community STP

Kingsley™ offers innovative sewage management, treatment and reuse solutions for community and Urban applications. Through our partnership with global leaders, we have developed an infrastructure model to specifically meet the growth and servicing challenges of regional towns, true condominium projects and satellite communities and the urban fringe.

Industrial WTP

The industrial water treatment plant of Kingsley is categorized into 4 sectors

1

Iron Removal Plant

2

Water Softener Plant

3

Demineralized Plant

4

Reverse Osmosis Plant

- Offers the Iron Removal Filter (IRF) solution by a cylinder built using ferrocement construction techniques.
- Hard water softener is an appliance that uses sodium chloride, also known as salt, to treat hard water.
- Demineralized Water System produces mineral-free Water by operating on the principles of Ion exchange, Degasification, and polishing.
- Reverse Osmosis (RO) is a water purification process that uses a partially permeable membrane to remove ions, unwanted molecules, and large particles from drinking water.



**CLEAN
YOUR**

SPACE

**CLEAN
YOUR
MIND**



Solid Waste

Management & Technology

Kingsley provides solid waste and sludge control using the most recent, practical technology.



Different Technology and Management Processes for Solid Waste



WATER is LIFE

Life is threatened
when water is
polluted



SPECIALIST SERVICES

Design & EPC Contract

Kingsley offers Design & EPC contract service with a highly skilled set of engineers & technical team. From engineering, and procurement to construction, as a turnkey contract, Kingsley has successfully completed a number of EPC contracts. A team of diversified technical background, knowledge & practical experience in the environmental protection industry are sincerely rendering the committed services. Participating in tender (both Govt. & Non-Govt.), and other Turnkey projects for ETP, WTP, STP, etc. with complete reliability compliance management and prompt after sales services are the major strengths of Kingsley.

Wastewater Treatment Plant Audit

Kingsley offers Wastewater Treatment Plant (ETP) Audit services with the utmost professionalism and standardized audit protocol.

- Functionality Assessment
- In-depth Assessment
- In-depth & GHG Emissions/Energy Assessment



Environmental Monitoring & Assessment

Kingsley is a professional institution for Environmental Monitoring & Assessment services. Hundreds of EIA, ESIA, IEE, EMP and 3R reports are successfully completed with the utmost professionalism.



EIA

Environmental Impact Assessment

EIA is the assessment of the environmental consequences of a plan, policy, program or actual projects prior to the decision to move forward with the proposed action.

ESIA

Environmental & Social Impact Assessment

The purpose of ESIA is to assess and predict potential adverse social and environmental impacts and to develop suitable mitigation measures.

IEE

Initial Environmental Examination

Report on Environmental condition of a project, including potential impact, mitigation measures & institutional requirements for environmental monitoring

EMP

Environmental Management Plan

Is required to ensure sustainable development in the area surrounding the proposed project.

3R

Reduce, Reuse, Recycle

A three-dimensional approach to minimize waste & conserving resources.

WWTP Chemical Management & Green Consultancy

Kingsley provides ETP assessment and checks the functionality of the ETP in line with the design & production capacity of the plant. Furthermore, offers chemical dosing or change the chemical used for dosing to minimize the operation cost of the ETP. We also provide cost-effective Water Decoloring Agents for effective color removal and reduction of estimated operating costs.





Every Year
The **Noise** Level
Rises!

Are You Noise Aware?



KEY STRENGTHS

Numbers Speak For Us

Kingsley has a proven methodology for engaging customers using a collaborative solution development process to understand business needs.



Treatment of **50,00,000** water every day.



Successfully completed **200** projects both locally and globally.



15,000 pieces of equipment have been supplied throughout the country.

Specialized Experience

- Adaption of Global Technology and Local fabrication
- Efficient Team of a Cumulative experience of 75 years in the treatment, management, and consultancy of environmental wastes and issues.



PROJECT GALLERY

ALTECH ALUMINIUM INDUSTRIES LTD.
ETP (Capacity 720 m³/day)
WTP (Capacity 240 m³/day)



ABDUL MONEM LTD.
(IGL00 Ice cream, Dairy & Milk Unit)
CETP
Capacity 360 m³/day)

DASHERKANDI SEWAGE TREATMENT PLANT
STP DESIGN
Capacity 5,00,0000 m³/day



HATIRJHEEL PROJECT
SWMS & Flow Control Gate Supply &
Installation of Mechanical Screen
Machine & Flow Control Gate

CITYSCAPE TOWER
STP (capacity 40 m³/day)



INDEPENDENT UNIVERSITY BANGLADESH
STP (capacity 250 m³/day)

BGMEA COMPLEX
UTTARA
STP (capacity 125 m³/day)



BIJOY RAKEEN CITY
STP (capacity 320 m³/day)

Kenpark Bangladesh Apparel Pvt. Ltd
ETP Assessment





RIPON KNITWEAR LTD.
ETP (capacity 1680 m³/day)

WTP at "MANSION DE SALAM"
A Leed Gold Certified
Green Residential Project



KARAMTOLA GENERAL HOSPITAL
ETP & STP (capacity 50 m³/day)

**DNCC-UNICEF Technology
Fair**

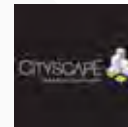


KAI ALLUMINIUM LTD
ETP (capacity 600 m³/day)



Industrial
Air Pollution
modifies the
natural characteristics
of the atmosphere

MAJOR CLIENTS





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