



WASTEWATER TREATMENT SOLUTIONS

*Sustainable Solutions
for a Cleaner Tomorrow*



Environmentally Responsible



Efficient Treatment



Water Reuse & Sustainability

Clean Water. Better Environment. 
BETTER TOMORROW.



COMPANY OVERVIEW

*Engineering Solutions.
Reliable Partnerships.*

Attar Global Traders FZC is a UAE-based international trading and engineering solutions company focused on delivering reliable products, technical services, and project-based solutions across the construction, industrial, infrastructure, and engineering sectors.

Our business activities encompass Pre-Engineered Buildings (PEB), steel structures, MEP and HVAC services, Sewage Treatment Plant (STP) solutions, industrial materials, and general trading.

Through trusted manufacturing and supply partners, we provide project-specific materials and solutions tailored to client requirements, combining dependable sourcing with a practical understanding of project needs.



OUR BUSINESS AREAS



PEB & STEEL STRUCTURES

Pre-engineered building systems and structural solutions for diverse project requirements.



MEP & HVAC

Engineering services supporting building infrastructure and mechanical systems.



STP SOLUTIONS

Sewage and wastewater treatment solutions designed around project requirements.



INDUSTRIAL MATERIALS

Reliable sourcing and supply of materials for industrial and engineering applications.



GENERAL TRADING

Project-focused sourcing and supply through trusted international partners.



MANAGEMENT TEAM

*Experienced Leadership. Strong Vision.
Committed to Excellence.*



Bandenawaz Attar



Siddika Attar



Nasir Ahmed

“

Our management team brings together experience, industry knowledge, and a strong commitment to excellence. With a clear vision and customer-focused approach, our leadership drives Attar Global Traders toward sustainable growth and long-term success in international markets.

”

OUR PRODUCTS

AERATING WATER. ENGINEERING PERFORMANCE.

Integrated systems, components and controls for efficient biological treatment.



DIFFUSERS



BLOWERS + PIPING



CONTROLS



STP / ETP + MBBR



Complete Aeration Solutions

Packaged systems engineered for reliable oxygen transfer and process performance.



Types of Diffusers

Fine-bubble discs and tubes, coarse-bubble, membrane and ceramic options.



Aeration Accessories

Airflow meters, pressure gauges, filters, hoses and control valves.



Aeration Control Systems

Blower control panels, VFDs, DO control, automatic airflow and monitoring.



MBBR Aeration Systems

Balanced airflow for media movement, mixing and efficient biological treatment.



Aeration System Components

Diffusers, headers, piping, manifolds, valves, fittings and flexible connectors.



Types of Blowers

Roots, rotary lobe, turbo, centrifugal and side-channel blowers.



Air Distribution Systems

SS / uPVC / HDPE air piping, air headers, supports, clamps and fasteners.



STP & ETP Aeration Solutions

Application-ready aeration for municipal and industrial wastewater plants.



Industrial Wastewater Aeration Solutions

From assessment through commissioning, optimization and ongoing support.

INDUSTRIAL WASTEWATER AERATION SOLUTIONS

A clear path from site data to measurable treatment performance.

01



Site survey and wastewater assessment.

02



Define oxygen demand and treatment objectives.

03



Select the system, diffuser, blower, piping and controls.

04



Prepare layout and installation design.

05



Install diffusers, headers, piping, valves, blowers and panels.

06



Commission the system and balance airflow.

07



Monitor DO, pressure, airflow and energy performance.

08



Provide maintenance and optimization support.

COMPLETE SOLUTION FOR AERATION SYSTEM

EFFICIENT OXYGEN TRANSFER. RELIABLE BIOLOGICAL TREATMENT.

A complete aeration solution engineered to deliver consistent airflow, effective oxygen transfer, and dependable wastewater treatment performance.



01 DIFFUSION SYSTEMS

Fine-bubble and coarse-bubble diffusers designed for efficient oxygen transfer and uniform aeration.



03 AIR DISTRIBUTION

Headers, manifolds, piping, valves and fittings designed for balanced and controlled airflow.



05 MBBR AERATION

Optimized aeration for effective media movement, mixing and biological treatment.



02 BLOWERS

Roots, rotary lobe, turbo and centrifugal blowers selected to match airflow and pressure requirements.



04 CONTROL & MONITORING

Control panels, VFDs, DO monitoring and automated airflow control for optimized operation.



06 ENGINEERING & SUPPORT

From system selection and layout to installation, commissioning and performance optimization.

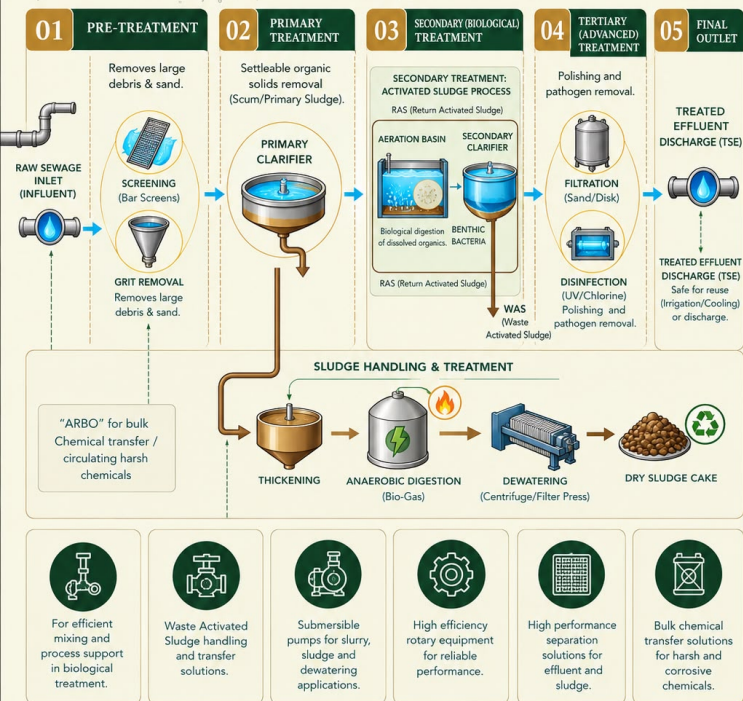


ONE SYSTEM. ONE SOLUTION. ENGINEERED FOR PERFORMANCE.

WASTEWATER TREATMENT PROCESS FLOW

A COMPLETE SOLUTION. CLEANER TOMORROW.

Advanced, sustainable solutions for efficient and reliable wastewater treatment.



TYPES OF STP PUMPS

01

**SUBMERSIBLE
SEWAGE PUMPS**



CAPACITY
1 HP – 40 HP

02

SLUDGE PUMPS



CAPACITY
1 HP – 30 HP

03

**CENTRIFUGAL
PUMPS**



CAPACITY
1 HP – 50 HP

04

**NON-CLOG
PUMPS**



CAPACITY
2 HP – 50 HP

05

**DEWATERING
PUMPS**



CAPACITY
1 HP – 30 HP

06

**CHEMICAL
DOSING PUMPS**



CAPACITY
0.25 HP – 5 HP

TYPES OF DIFFUSERS

EFFICIENT OXYGEN TRANSFER. UNIFORM PERFORMANCE.

Engineered diffuser solutions for reliable aeration,
maximum oxygen transfer and long-term performance.

01 FINE BUBBLE DISC DIFFUSERS



- High oxygen transfer efficiency
- Uniform bubble distribution
- Low pressure drop
- Anti-clogging design
- EPDM / Silicone membrane options

02 FINE BUBBLE TUBE DIFFUSERS



- High SOTE performance
- Flexible and easy to install
- Ideal for retrofits and upgrades
- Low maintenance
- Long service life

03 COARSE BUBBLE DISC DIFFUSERS



- Large bubble generation
- High flow capacity
- Resistant to clogging
- Durable construction
- Suitable for high airflow applications

04 COARSE BUBBLE TUBE DIFFUSERS



- Robust and durable
- Suitable for high air volumes
- Simple installation
- Low maintenance
- Cost-effective solution

05 MEMBRANE DIFFUSERS



- High oxygen transfer efficiency
- Strong and durable membrane
- Resistant to chemicals and aging
- Suitable for harsh environments

06 CERAMIC DIFFUSERS



- Excellent corrosion resistance
- Long service life
- Stable performance
- Suitable for demanding applications
- Natural and eco-friendly material



HIGH OXYGEN
TRANSFER
EFFICIENCY



RELIABLE &
DURABLE
DESIGN



LOW MAINTENANCE
& EASY
INSTALLATION



ENERGY
EFFICIENT



LONG SERVICE
LIFE



SUSTAINABLE
SOLUTIONS

TYPES OF BLOWERS



01 ROOTS BLOWERS



CAPACITY
10 – 18,000 m³/hr
(0.6 – 706 inH₂O)

02 ROTARY LOBE BLOWERS



CAPACITY
15 – 10,000 m³/hr
(0.5 – 15 bar)

03 TURBO BLOWERS



CAPACITY
100 – 50,000 m³/hr
(0.3 – 1.2 bar)

04 CENTRIFUGAL BLOWERS



CAPACITY
200 – 50,000 m³/hr
(0.2 – 1.5 bar)

05 SIDE CHANNEL BLOWERS



CAPACITY
20 – 2,500 m³/hr
(0.3 – 1.0 bar)

06 SCREW BLOWERS



CAPACITY
50 – 20,000 m³/hr
(0.5 – 2.0 bar)

TYPES OF SAND FILTER MEDIA



01 SILICA SAND



02 QUARTZ SAND



03 ANTHRACITE MEDIA



04 GARNET MEDIA



05 MANGANESE
GREENSAND



06 GRADED
FILTER GRAVEL



VALVES & PIPE FITTINGS

RELIABLE FLOW CONTROL | DURABLE CONNECTIONS

High-quality valves and fittings designed for efficient, safe and long-lasting performance in STP systems.

VALVES



BUTTERFLY VALVES

DN 50 – DN 600
(PN 6 – PN 16)



GATE VALVES

DN 50 – DN 600
(PN 6 – PN 16)



GLOBE VALVES

DN 15 – DN 300
(PN 10 – PN 40)



CHECK VALVES / NRV

DN 15 – DN 300
(PN 10 – PN 40)



BALL VALVES

DN 15 – DN 200
(PN 10 – PN 40)



DIAPHRAGM VALVES

DN 15 – DN 150
(PN 10 – PN 16)



AIR RELEASE VALVES

DN 25 – DN 150
(PN 10 – PN 16)



ACTUATED VALVES

(Pneumatic / Electric)
DN 15 – DN 200
(PN 10 – PN 40)

PIPE FITTINGS & CONNECTIONS



ELBOWS

DN 15 – DN 600
(PN 6 – PN 16)



TEES

DN 15 – DN 600
(PN 6 – PN 16)



REDUCERS

DN 25 – DN 600
(PN 6 – PN 16)



FLANGES

DN 15 – DN 600
(PN 6 – PN 40)



COUPLINGS

DN 50 – DN 600
(PN 6 – PN 16)



UNIONS

DN 15 – DN 100
(PN 10 – PN 25)



FLEXIBLE CONNECTORS

DN 25 – DN 600
(PN 6 – PN 16)



PIPE CLAMPS / SUPPORTS

DN 15 – DN 600
(Custom sizes available)



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