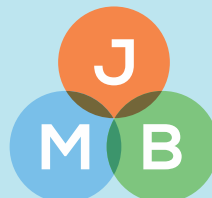




ARYA WATER
TECHNOLOGIES



Solutions for the New World



J M BAXI GROUP

PRE-TREATMENT



We offer pre-treatment for all types of feed sources - Surface Water, Bore Well Water, Sea Water and Waste water.

Clarification

- HRSCC (High Rated Solids Contact Clarifier)
- Clarifloculators
- Tube Settler/Lamella Clarifiers

Filtration

- Activated Carbon Filter
- Fluoride Removal Filter
- Iron Removal Filter
- Dual Media / Sand Filter

ION EXCHANGE



- Softeners
- Demineralization Plants
- Condensate Polishing Units
- Mixed Bed Plants

MEMBRANE PROCESSES



We provide a comprehensive range of membrane separation.

- Micro Filtration (MF)
- Ultra Filtration (UF)
- Nano Filtration (NF)
- Reverse Osmosis (RO)
- Membrane Bio Reactors (MBR)
- RO Plant for Kidney Dialysis

ABOUT US

Arya Water Technologies (AWT) is a part of the century old illustrious J M BAXI GROUP. J M BAXI GROUP is one of the largest professionally managed Shipping & Maritime logistics support providers in India, catering to clients across 55 countries worldwide.

Water resources are coming under immense pressure due to the allround economic growth, global warming, urbanization and incessant water pollution levels globally. Lack of proper water treatment and management systems only accentuate the catastrophic effect on the entire civilization. The problem is expected to become even more severe in times to come.

Comprehending the various requirements of our customers, Arya Water Technologies has initiated its foray with top-of-the-line water and wastewater treatment solutions. Partnering with leading domestic and international players in the field, we offer a complete basket of conventional and next generation technology based offerings to address the spectrum of turnkey water treatment solutions across diverse segments.

OUR STRENGTHS

- 360° Solutions - Conventional to Next-Generation
- State of the Art manufacturing facilities with principals
- Integration with existing legacy systems & trouble shooting
- Extensive domain interdisciplinary knowledge
- Well qualified team of experienced professionals
- Advanced, cost-effective and reliable solutions
- Nationwide Presence
- Service support 24X7

OUR SHARED VALUES

- Commitment to Excellence
- Pro Client Approach
- Highest standards of integrity
- Innovation and Learning

DESALINATION



We offer both membrane and thermal-based desalination systems manufactured using high-quality raw materials.

- Thermal Desalination
- Reverse Osmosis
- Electro-Dialysis

EFFLUENT & SEWAGE TREATMENT



We offer a complete range of Effluent & Sewage Treatment Plants based on:

- Moving Bed Bio Reactor (MBBR)
- Sequence Batch Reactor (SBR)
- Membrane Bio Reactor (MBR)
- Submerged Aerobic Fixed Film (SAFF)
- Digesters (Aerobic/Anaerobic)
- Upstream Anaerobic Sludge Blanket (UASB)
- Extended Aeration (EA)
- Advanced Oxidation Reactors

ZERO LIQUID DISCHARGE/RECYCLE/REUSE



To comply with stringent regulatory discharge requirements & for optimal use of resources we offer state-of-the-art systems based on either membrane process, evaporative process or a hybrid. The systems based on hybrid approach have low life-cycle costs in comparison to existing technologies.



ADVANCED OXIDATION UNITS

We provide Advanced Oxidation Units made in conformance with various industry standards offering maximum operational efficiency.

The technology utilizes the ability of light combined with photo-catalytic semiconductor surfaces (Titanium Oxide) to produce free hydroxyl radicals that are extremely potent at breaking down harmful microorganisms and other pollutants.

These units provide protection to the extent of 1 ppm (99.999%) against harmful micro-organisms.



LIGHT-ACTIVATED NANO TECHNOLOGY BASED UNITS

We offer highly sophisticated and effective nanotechnology based units based on five photochemical processes that work together synergistically to breakdown and remove contaminants using light energy.

Solar Bag (3L): Portable, reusable water purifier that can purify 3 litres at a time using solar light to activate nano-technology coated mesh.

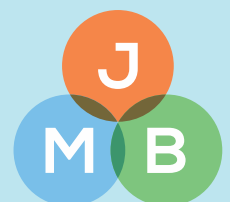
Shield 1000: Compact, simple to install water purifier that can be used in drinking, industrial and lab water applications. It uses a nanotechnology coated mesh for purification and has broadest contamination coverage with the lowest operating costs.





ARYA WATER TECHNOLOGIES

(A division of Arya Communications)



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