



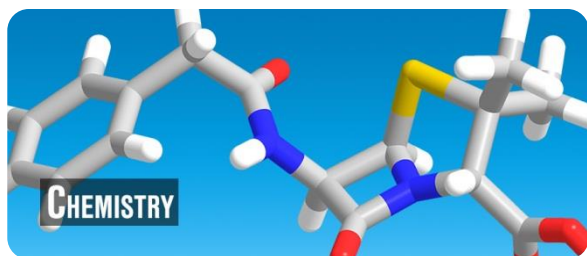
AFSAR

BASIC CHEMICALS

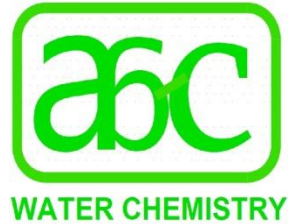
WATER CHEMISTRY



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ABOUT US..



AFSAR BASIC CHEMICALS – WATER CHEMISTRY

This SSI Unit established in the year 2003 for the purpose of manufacturing Basic Chemicals with interest in water & waste water treatment chemicals. This plant is located at a prime location on Chennai – Arani Highway at Arcot, 120kMs away from Chennai. Seeing the present situation Water being a shortage commodity, Preservation & Reuse of water has assumed great importance.

AFSAR BASIC CHEMICALS has undertaken numerous assignments in its field of specialization. It is perhaps the only small scale company which through its pioneering efforts has created a unique place in the market where repeat assignments are awarded due to Timely Completion of Project & Quality services.

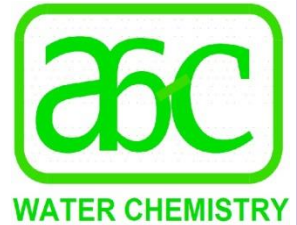


WATER CHEMISTRY

BRIEF PROFILE:

- ✓ **BASIC CHEMICAL MANUFACTURE & SUPPLIER**
 - **WATER & WASTE WATER TREATMENT CHEMICALS**
 - **ETP PLANT AND STP PLANT CHEMICAL**
 - **HOME & INDUSTRIAL CLEANING PRODUCTS**
 - **GLASS CLEANER, BOWEL CLEANERS ETC.,**
 - **PRODUCTIVE PAINT PRODUCTS**
 - **EPOXY PANINT, HEAT RESISTANT PAINTSETC.,**
- ✓ **TREATMENT PLANTS CONSULTANCY**
 - **STP, STP**
 - **GETP, DM PLANT**
 - **RO PLANTS & ZLD**

OUR FOCUS:



- ❖ TO IMPROVE THE QUALITY OF OUR PRODUCTS AND SERVICES
- ❖ TO OPTIMIZE CHEMICAL DOSAGE
- ❖ SAFETY WORK NATURE
- ❖ QUALITY PRODUCTS
- ❖ TO PREVENT THE ENVIRONMENTAL POLLUTIONS
- ❖ TIMELY COMPLETION OF PROJECTS

PRODUCTS & SERVICES:



WATER CHEMISTRY

□ PORTFOLIO FOR ETP & STP

- **COAGULANTS**
 - **SULPHATE OF ALUMINA (FERRIC & NON FERRIC)**
- **HYDRATED LIME**
- **POLY ALUMINUM CHLORIDE**
- **CAUSTIC SODA FLAKE**
- **DEFOAMERS**
 - **ANTI FOAMING AGENTS**
- **FLOCULANTS**
 - **POLY ELECTROLYTE**
 - **ANIONIC**
 - **CATIONIC**

PRODUCTS & SERVICES:

□ PORTFOLIO FOR RO PLANTS & EVAPORATORS

- **ANTISCALANT'S**
 - **HIGH & LOW SILICA TO PREVENT SCALING**
 - **FOULING**
- **DOSING CHEMICALS**
 - **SMBS, HCL, HYPO**
- **CLEANING CHEMICALS**
 - **EDTA, CITRIC ACID, SLS**
- **CAUSTIC SODA**
- **NITRIC ACID**
- **SULPHOMIC ACID**



PRODUCTS & SERVICES:

□ INDUSTRIAL WATER TREATMENT

❖ SOURCE OF INDUSTRIAL WASTE WATER

- IRON AND STEEL INDUSTRY
- MINES AND QUARRIES
- FOOD INDUSTRIES
- PULP AND PAPER INDUSTRIES
- COINDUSTRIES
- NUCLEAR INDUSTRIES
- WATER TREATMENT
- AUTOMOBILE INDUSTRIES
- LEATHER TANNING



WATER CHEMISTRY

PRODUCTS & SERVICES:



□ INDUSTRIAL WATER TREATMENT...

❖ TREATMENT OF INDUSTRIAL WASTE WATER

- BRINE MANAGEMENT
- SOLID REMOVAL
- OIL AND GREASE REMOVAL
- REMOVAL OF BIO-DEGRADABLE ORGANICS
- ACTIVATED SLUDGE PROCESS
- TREATMENTS OF OTHER ORGANICS
- TREATMENTS OF ACIDS AND ALKALIS
- TREATMENTS OF TOXIC MATERIALS
- ZERO LIQUID DISCHARGE, EVAPORATOR

PRODUCTS & SERVICES:

□ SEWAGE TREATMENT PLANT:

As an important ETP Plant and STP Plant Chemical manufacturer and supplier, we provide excellent treatment solution for the effluent generated by different areas. The offered plants are ideal for clarification, odor control, aeration, phosphorous & nitrogen separation and other purposes. Also, our Effluent Treatment systems are thoroughly developed keeping effluent requirements, labor, and energy and maintenance costs in mind. And the Effluent Treatment Plants and Sewage Treatment Plants help to reduce the environmental pollution in a cost-effective and efficient way. These Chemicals are suitable for paper & pulp industry, pharmaceutical & food industry, leather industry, chemical industry, and more.



PRODUCTS & SERVICES:

☐ SEWAGE TREATMENT PLANT:



❖ PROMINENT FEATURES:

- EFFECTIVELY CLEAN INDUSTRIAL EFFLUENT
- RECYCLE IT FOR FUTURE USE
- MINIMIZE ENVIRONMENTAL POLLUTION
- SAVE BOTH EFFORT AND MONEY

PRODUCTS & SERVICES:

☐ REVERSE OSMOSIS:

As an Liquid filtering process in which a contaminated (more concentrated) liquid is forced to pass through a semi-permeable membrane that block most dissolved or suspended contaminants. It is called 'reverse' because in normal osmosis a less-concentrated liquid passes into a more concentrated one.

❖ CATEGORIES OF WATER TREATMENT:

- Industrial wastewater treatment
- Boiler water treatment
- Cooling water treatment

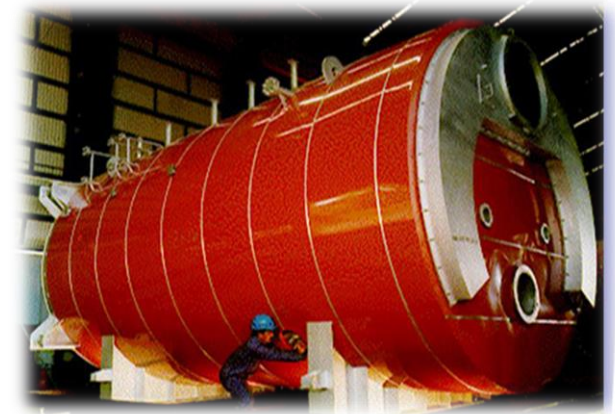


PRODUCTS & SERVICES:

☐ WATER TREATMENT CHEMICALS FOR BOILER PLANTS

❖ PROCESS'S:

- CHEMICAL PRECIPITATION
 - Lime soda treatment.
- ION EXCHANGE
 - Passing water through a simple cat ion exchange softener all the calcium and magnesium ions are removed and replaced with sodium ions.



PRODUCTS & SERVICES:

❑ COOLING WATER TREATMENT PLANT

- Our products include scale and corrosion treatment to protect the heat exchanger system. Biocides for preventing micro organism growth in the cooling tower.

❖ ACTIVITY:

- Operation and Maintenance
 - Our qualified, experienced team of professionals supports your O& M which makes you concentrate on your core activities.
- Other products
 - Specially formulated products for cleaning and sanitizing all surfaces.





AFSAR BASIC CHEMICALS

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**THANKS FOR
YOUR
SUPPORT!**