



For Complete Solutions in
Water & Wastewater Treatment



Signea Assurances

Sincerest of commitment to all orders, irrespective of plant sizes.

Use of components from among the best & most suitable of available materials, including imported components for most critical applications.

Sincere & honest design for all our plants (irrespective of plant sizes) by very experienced design personnel.

Uncompromising service for all our esteemed customers.

Achieving not just Customer Satisfaction but striving for Customer Contentment.

WATER TREATMENT

MULTIMEDIA Filter

IRON REMOVAL Filter

ACTIVATED CARBON Filter

Signea multimedia filters built with quality and certified steel and pipes. Our in-house welding and fabrication facilities meet the highest standards.

We specialize in double-decker filters which meet higher filtering efficiency standards.

Activated Carbon Filters are used for removal of FOGM, colour, odour and free chlorine.



SOFTENING Plants

Apart from standard Down flow softeners, Up-flow or packed bed softeners, which give better efficiency, are offered up to certain flows.

We use high quality softener resins only.

TUBE Clarifiers

Modular Tube Clarifiers operated on sludge blanket principle offer better clarification efficiency.





DM Plants

TDS removal can be done by De-ionization, Reverse Osmosis and Multicolumn Distillation.

Conventional De-mineralisation (DM) Plants are offered based on stoichiometric principles.

RO Systems

Membrane based systems like Reverse Osmosis (RO) and Ultra-filtration are offered in complete automated system coupled with manual or semiautomatic pretreatment.



EDI / MCD Systems

Electro De-ioniser (EDI) and Multi-column Distillers (MCD) also can be offered for pharmaceutical industries.



Control & Instrumentation

In-house design and development of all C&I for our projects.

Manual, Semiautomatic or fully automatic operations are possible.

The requirement of customers and flawless operation of plants remain our priority.



WASTEWATER TREATMENT

ETP Systems



Coarse diffusion method or mechanical aerators used suitably as per application needs for adequate aeration as and wherever required.

Tailor made in-house designs to suit effluents from different industries in different ways. Principles of mechanical, chemical and biological treatment adequately applied in combination or individually based on nature of specific effluent types, to adequately reduce COD and BOD within acceptable statutory norms.

Highly efficient Modular Tube Settlers which operate on sludge blanket principle. Emphasis lies on minimizing rotating equipment for providing our customers with least periodic maintenance issues.



STP Systems

Hiclear Packaged Compact modular STPs, under license of Hitachi Chemical of Japan are promoted by us. Odourless, clean, small footprint -terms unfamiliar in earlier days, are now associated with sewage treatment plants. These packaged plants could be installed in close vicinity of human settlement, making them ideal for multistoried urban housing and hotels.



Hiclear installation at basement

Significant Projects

20 lakh Gallons per day Water Treatment Plant at Karnaphuli EPZ, Chittagong, Bangladesh



The Control Panel



The Reverse Osmosis Plant



The Filtration units



Fully Automatic Softeners installed at Bashundhara City, Dhaka Working since 2002

Significant Projects



5 Million Gallons per day Water Treatment for Tannery Project for BSCIC at Hemayatpur, Savar, Bangladesh.



250 cubic meter per hour
Paper Mill Effluent
Treatment with Water
Reclamation Plant
at Kahalu, Bogra,
Bangladesh



Represented by

Signea Engineering (P) Ltd.

Registered Office : 25 Ripon Street, Kolkata 700016, India Tel: +91 33 2227 5195 Fax: +91 33 2227 5203