

Water & Wastewater Treatment Solutions

Signea Engineering (P) Ltd.

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Water & Wastewater Treatment Solutions

from **Signea Engineering (P) Ltd.**

400 cu.m/hr.
combined Water
Treatment Plant
with 320 cu.m/hr.
Reverse Osmosis
facility.

Full cycle treatment since
intake of river water (also
ground water) to potable
one.



Milestones

The first
Reverse
Osmosis Plant
of this size in
Bangladesh

High Capacity Systems



400 M³/hour Combined Plant with 320 M³/hour Reverse Osmosis Plant
Karnaphuli SEZ, Chittagong

5 MGD (950 M³/hour Water Treatment Plant
BSCIC Tannery Project, Savar



**Water
Treatment
Solutions**

Solutions for

Textile & Apparels

Process – Fertiliser & Chemical

Engineering

Automotive

Power Plants

**Industrial
Effluent
Treatment
Solutions**



Industrial Effluent Treatment Solutions

- ❖ Special application for Textile Industry
- ❖ Static Clarifier design, no rotating parts inside
- ❖ Tube clarifier working at Sludge Blanket principle for optimum efficiency
- ❖ Aeration by coarse diffusers
- ❖ Effective sludge handling

**Industrial
Effluent
Treatment
Solutions**

Compact,
Packaged
Sewage
Treatment Plant
for Human waste.



**Sewage
Treatment
Solutions**

- ❖ Wide range of applications – from soft water generation to critical Pharmaceutical applications
- ❖ Manual, semi-auto and fully automatic plants
- ❖ High quality pressure vessel and pipeline supplier

**Water
Treatment
Solutions**

Components

- ❖ Filters – horizontal and vertical (multi tier) configuration
- ❖ Fully automatic Softener
- ❖ Micron filters
- ❖ Reverse Osmosis (RO) & Ultra Filtration
- ❖ De-mineralisation (DM) Plants
- ❖ Electro De-ioniser (EDI) & Multi Column Distillation for Pharmaceutical applications

**Water
Treatment
Solutions**

Components



**Water
Treatment
Solutions**



Skid Mounted High & Low Pressure Chemical Dosing Systems



Fabrication of
Accessories to
Water & Effluent Treatment
Systems

**Manufacturing
@Signea**



Storage & Pressurized
Vessels

Manufacturing
@Signea

- ❖ Started operation in 2002 under the name of Naima Engineering Associates
- ❖ Since 2006 operating under Signea Engineering (P) Ltd. name
- ❖ Strong presence in Bangladesh
- ❖ Had supplied many Water & Wastewater Treatment Plants all around Bangladesh
- ❖ Has supplied and commissioned two large Water Supply Plants in Bangladesh
- ❖ Wide range of applications – from soft water generation to critical Pharmaceutical applications
- ❖ Manual, semi-auto and fully automatic plants
- ❖ High quality pressure vessel and pipeline supplier

Thank You

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