



We strive to provide high-quality service and support with the latest and most innovative technology to-date.

DARTECH ENGINEERING

ENERGY SAVING IS OUR FIRST GOAL

About us:



Dartech Engineering is one of the first growing company in Bangladesh. Engineering and turnkey Solution Provider for WATER MANAGEMENT & SOLUTIONS to the industry . We are also providing Energy saving solutions.



Our Vision
To be Competitive and Economical in providing Innovative Solutions in Process Technologies, Products and Services.



Mission
Through commitment of people, system and cutting-edge technology, we lead the way in providing solution to manage the water cycle, develop alternate ways to secure water for all, protect water resources, save water and managing the environmental foot prints.

Why should you choose us?



We are repeatedly providing quality service at a fair price.



We are working on Energy Saving.



We are working on Minimum cost water recycle.



We Are a Turnkey Provider of Engineering, Technical, and Contractor Services.



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PROFILE OF DARTECH ENGINEERING

DARTECH ENGINEERING is first growing innovative solutions and technology provider in WATER MANAGEMENT SOLUTIONS & Energy saving in all sectors like Distilleries, chemicals, Petrochemicals, Refineries, Fertilizers, Pharmaceuticals, Textiles, Tanneries, Pulp & paper, Foundries, Mining, Steel, for their all needs on Hazardous waste, Waste and Water Treatment, Reverse Osmosis based Recycle/Reuse, sewage & sewerage systems and waste to energy.

OUR CORE BUSINESS AREA IN WATER AND WASTEWATER TREATMENT

WATER TREATMENT SYSTEMS (PRE AND PRIMARY) : MEMBRANE BASED TREATMENT SYSTEMS:

- Water pre-treatment systems
- Iron Removing System.
- Solid contact clarifiers / Clariflocculator
- Disinfection - chlorination (Gas / ClO₂ / Hypo) / UV / ozone based treatment systems
- Rain Water Harvesting.

RESIN BASED TREATMENT SYSTEMS

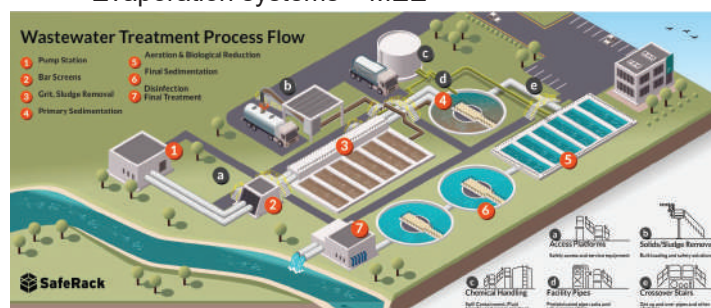
- Water Softeners - Hardness Removal
- Demineralization Units - High Purity Water requirements
- Mixed Bed Unit – Polishing Treatment & Silica Removal
- Condensate polishing systems
- Deionizer - High Purity Water requirements
- Electro Dialysis Units - High Purity Water requirements.

- Pre-treatment units to membrane based treatment
- Ultra-filtration treatment systems
- Nano filtration treatment systems
- Reverse osmosis treatment units
- Membrane Biological Reactors (Aerobic & Anaerobic)
- Brackish water / high brackish reverse osmosis systems
- Compact skid mounted desalination units
- Sea water desalination with energy recovery systems
- Waste water recycle, Reuse projects
- Zero Liquid Discharge systems
- High Saline RO Reject Handling
- Evaporation systems – MEE

Wastewater Treatment System

Effluent Treatment Plant (ETP)

- Biological Treatment System
- Bio-Chemical Treatment System
- Chemical Treatment System
- Sewage Treatment System (STP)



Water Filtration Equipments & Media

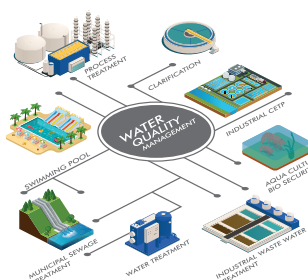
- RO Membrane & Ultra Filtration Modules.
DOW, Hydranolics, Toray, LG, SUEZ, Vontron.
- Filter Media:
MnO₂, Activated Carbon, Anthracite, DMI 65, Birm Media, Sand & Gravels, Pebbles, Silex, Cartridge Filter etc.
- Ion Exchange Resin:
Cation Resin, Anoin Resin, Mixed Bed Resin.



Flow Meters



Chemical Dosing Pumps: We are Supplying Chemical Dosing pumps having Milton Roy, ProMinent & e-Dose Brand.



Complete Water & Waste Water Treatment Chemicals with Solutions:

- Cooling Tower Water Treatment Challenges & Solutions ,
- Cooling Tower AUTOMATION
- RO Treatment Challenges and Solutions
- Boiler Treatment Challenges and Solutions
- Sugar Process Chemicals
- Paper Process Chemicals
- WTP & Waste Water Treatment Chemicals with Solutions.
- Other Chemicals (Fuel Additives, Swimming Pool Chemicals and Spares), Cleaning Chemicals, Paint Detackification Chemicals

Brands: We are Supplying all Global Renowand Brand Chemicals.



Closed Cooling Water Treatment Chemicals:

Engine Cooling Water Treatment Chemical (Coolant), Chiller Chilled Water Treatment Chemicals. We Provide Approved Engine manufacturers Chemicals such as Wärtsilä, MAN, Caterpillar, Rolls-Royce, Sultzer and MAK.

Brands: Nalfleet, Nalco, Marine Cares, Drew Marine.



Heating Division:

- Dual Fuel Fire Tube Boiler- Local Make & Foreign.
- Thermal Oil Heaters
- Mobile Steam Solutions
- Cogeneration and Waste Heat Recovery Systems
- LPG & LNG Tanks
- Coal-fired cascade type boiler.



Condense Recover System

- Payback only 2-6 months .
- Delivery within 1-4 weeks.
- Operate By Motive Pressure -Steam & Compressed Air.



- Electromagnetic Flow Meter
- Vortex Flow Meter
- Liquid Turbine Flow Meter
- Gas Turbine Flow Meter
- Gas Roots Flow Meter
- Ultrasonic Flow Meter
- Water Quality Sensor
- Pressure Transmitter



- Hardness Test Kit
- pH Test Kit
- Arsenic Test Kit
- Alkalinity Test Kit
- Iron Test Kit
- Digital Meter for pH, TDS, Conductivity, Free Chlorine, KitDissolved Oxygen, Turbidity
- Silica Test Kit etc.
- Cooling Water Test Kit
- Boiler Water Test Kit
- Calibraton Soluton for pH, Conductivity, TDS & Turbidity
- Drinking & RO Water Test



Steam Accessories

We are Chanel Partner of a company who have More than 35 years of experience designing and manufacturing equipment for steam and other fluid systems.



Textile Surfactant and Auxiliaries Chemicals :

- Detergent & Wetting Agent
- Levelling Agent
- Cationic Softener
- Sequestering Agent
- Anti-cresing & Lubricating Agent
- Multifunction Agent
- Soaping Agent
- Fixing Agent
- Nonionic Softener
- Silicon Softener
- Peroxide Stabilizer
- Core Neutralizer Acid



Lubricant Test Equipment:

We are providing all kinds of Oil/Lubricant Test Kit. Our Test Kit covers the following tests: Viscosity, Density, Water %, TBN of engine oil, Water PPM, Flash Point, Total Acid Number, Demulsification No. Pour Point, Insoluble, Calorific value.

Brands: We are Supplying all Global Renowand Brand.



Product Descriptions of Air Filter:

It is mainly used to filter the particulates and impurities in the air so as to reduce the wear of the piston rod, valve gear and the cylinder. An Air Handling Unit (AHU) is used to condition and circulate air as part of a heating, ventilating, and air-conditioning system. The basic function of the AHU is take in outside air, condition it and supply fresh air to a building. All exhaust air is discharged, which secures an acceptable indoor air quality.

Our Associate Global Partner for Air Filter:

Filtrowin Industries:

As experts for air filtration we count among the leading suppliers for filter media and supplier of HVAC filters. All our products are made for best performance.

They are adjusted to the daily demands of their machines and the protection of their employees. Longevity of their facilities and the health of their employees are important indicators of their company's efficiency and effectiveness. We are aware of this and this reflects in our products.

Filtrowin produces a wide range of filter products as followings:

- PRE FILTERS
- FINE FILTERS
- HEPA FILTERS
- CARBON FILTERS
- AIR INTAKE FILTERS
- PAINT BOOTH FILTERS

